

Compact CV - Paolo Di Sia

**Senior Scientist - Principal Investigator
Adjunct Professor, PhD, PhD, PhD**

Academic position (to date - A. Y. 2023-2024):

University of Padova (Italy)

School of Engineering - Degree in ENERGY ENGINEERING

Adjunct Professor of:

Mathematical Analysis 1

School of Engineering - Degree in MECHANICAL ENGINEERING

Adjunct Professor of:

Mathematical Analysis 1 (Channel B)

School of Science - Dept. of Biology - Degree in BIOTECHNOLOGY

Adjunct Professor of:

Mathematics

<https://en.didattica.unipd.it/off/docente/6FE35F089AA9DFFB2F5495844C8ABF6D>

University of Verona (Italy)

School of Medicine - Technical Applied Sciences

Adjunct Professor of:

Mathematical Analysis

<https://www.corsi.univr.it/?ent=cs&id=956&menu=Studiare&tab=Insegnamenti&codins=4S009033&id0i=165502&aa=2022/2023&discr=&discrCd=&lang=en>

<https://www.corsi.univr.it/?ent=cs&id=956&menu=Studiare&tab=Insegnamenti&codins=4S009033&id0i=177977&aa=2023/2024&discr=null&discrCd=null&lang=en>

<https://en.didattica.unipd.it/off/docente/6FE35F089AA9DFFB2F5495844C8ABF6D>

https://elearning.unipd.it/dfa/blocks/course_managers/manager.php?id=8910&b=1208

https://elearning.unipd.it/dns/blocks/course_managers/manager.php?id=568&b=36

Primordial Dynamic Space Research (Verona, Italy)

Head of the Research Group

Qualified as **Senior Lecturer** in **Mathematics**

Norwegian University of Science and Technology (NTNU), Institutt for matematiske fag (Norway)

<https://www.ntnu.edu/imf>

(2023-08-18)

Qualified as **Associate Professor** in **Mathematics Didactics - Mathematics**

Universitetet i Agder, Institutt for matematiske fag (Norway)

<https://www.uia.no/en/about-uia/faculties/faculty-of-engineering-and-science/institutter2/departement-of-mathematical-sciences>

(2023-03-07)

Compact CV - Paolo Di Sia (2024-03-27)

Qualified as **Associate Professor** in **Mathematics Didactics - Mathematics**
Nord Universitet (Norway)
<https://www.nord.no/en>
(2022-05-18)

Qualified as **Associate Professor** in **Mathematics Didactics - Mathematics**
Universitetet i Agder, Institutt for matematiske fag (Norway)
<https://www.uia.no/en/about-uia/faculties/faculty-of-engineering-and-science/institutter2/departement-of-mathematical-sciences>
(2022-04-27)

Qualified as **Associate Professor** in **Mathematics Didactics**
According to the Experts assessment of Universitetet i Stavanger (UiS) (Norway)
<https://www.uis.no/en>
(2022-01-20)

Qualified as **Associate Professor** in **Didactics of Mathematics / Mathematics Education**
According to the Experts assessment of OsloMet - Oslo Metropolitan University (Norway)
<https://www.oslomet.no/en>
(2021-03-28)

Qualified as **Associate Professor** in **Mathematics Didactics**
According to the Experts assessment of OsloMet - Oslo Metropolitan University (Norway)
<https://www.oslomet.no/en>
(2021-03-04)

E-mail: paolo.disia@gmail.com paolo.disia@yahoo.it paolo.disia@unipd.it paolo.disia@univr.it

Personal webpage:
<https://paolo-di-sia.weebly.com/>

Skype: Paolo Di Sia

ORCID: <https://orcid.org/0000-0002-6405-0483>

Loop.frontiersin: <https://loop.frontiersin.org/people/214181/overview>

MDPI: https://www.mdpi.com/journal/symmetry/special_issues/Symmetry_Nanoscale_Matter_Mind

Academia: <https://talentgate.academia.edu/PaoloDiSia>

ResearchGate: <https://www.researchgate.net/profile/Paolo-Di-Sia>

Web of Science ResearcherID: AAD-2306-2019

OSF Preprint: <https://osf.io/rcv76/>

LinkedIn: <https://www.linkedin.com/in/paolo-di-sia-8b792823>

Compact CV - Paolo Di Sia (2024-03-27)

Scholar:

<https://scholar.google.com/citations?hl=it&user=-o4HRtQAAAAI>

Citations: 1111; H-index: 16; i10-index: 36 (2024-03-27)

Education - Titles

- **Ph.D.**

Doctor of Philosophy (*Philosophy of Science*) - European Institute of Applied Research, Viimsi Parish, Harjumaa, Tallinn, Estonia / ISO 9001:2015 Certified Institution / Quality Control Approved Institution / UNESCO & United Nations Organization (UNHCR, UNICEF, WFP & UNFPA) Approved / Association of North America Higher Education International (ANAHEI), USA Registered (<https://eiar.ueniweb.com/#header>) (December 13, 2020)

- **Ph.D.**

Doctor of Mathematics - International American Council for Research and Development, California Public University, USA (<http://cpu-edu.us/>) (June 30, 2019)

- **Ph.D.**

Doctor of Nanobiotechnology - University of Verona (Italy) - Doctorate School in Science, Engineering and Medicine (May 10, 2011)

Thesis title: “**Classical and quantum transport processes in nano-bio-structures: a new theoretical model and applications**”

Scientific Sector (SSD): **FIS/02 - Theoretical Physics, Mathematical Models and Methods**

- **Bachelor (1st level Laurea) in Religious Science** (Specialization: **Metaphysics**)

Higher Institute of Religious Science (I.S.S.R.) "S. Pietro Martire", Verona (Italy) (July 22, 1993)

Title: “**The spacetime categories among science, philosophy and theology: the contributions of relativistic physics, philosophic think and theological research**”

- **Master (2nd level Laurea) in Theoretical Physics**

University of Padova (Italy) (December 20, 1990)

Thesis on **Effective Theory of Superstring**

Title: “**Geometric Construction of $N=1, D=4$ Supergravity Theory coupled to matter**”

Scientific Interests

- Theoretical Physics, Mathematical Physics, (Applied) Analysis, Transdisciplinary Physics
- Classical & Quantum Relativistic Nanophysics, Nano-Bio-Technology, Nano-Neurosciences
- (Holistic) Theories of Everything, Foundations of Physics
- History and Philosophy of Science, Science Education, Mathematics and Physics Education
- Border Research among Mathematics, Physics, Philosophy and Pedagogy

Habilitations

Obtained in Year 2000 the “**Higher School Teaching**” **Habilitation** for:

- a) **Mathematics and Physics** (SSD: A049)
- b) **Mathematics** (SSD: A047)
- c) **Physics** (SSD: A038)
- d) **Applied Mathematics** (SSD: A048)

Academic Teaching (up to September 2023)

Teaching Assistant (past) / Senior Scientist & Adjunct Professor

Faculty of Science (Verona):

- Teaching Assistant of *Physics, Analysis I, Analysis II, Mathematics and Statistics*
- Professor of *Analysis I, Analysis II* and *Physics*

Faculty of Medicine (Verona):

- Professor of *Physics*
- Professor of *Mathematical Analysis*

University of Padova (Campus: Verona) - Department of Philosophy, Education and Psychology

- Professor of *Basic Mathematics 1 (Laboratory), Basic Mathematics 2 (Theory and Laboratory)*

Faculty of Economics (Verona):

- Professor of *Mathematics*
- Teaching Assistant of *Mathematics*

Faculty of Engineering (Pavia - Campus: Mantova):

- Professor of *Physics II, Analysis B*

Higher Institute of Religious Science (Bolzano-Bozen):

- Professor of course: “*Among Science, Philosophy and Religion: Modern Physics meets Faith*”

Free University of Bolzano-Bozen:

- Teaching Assistant of *Algebra, Probability Theory, Statistics, Mathematics for Economists A and B, Geometry, Mathematical Methods for Experimental Science*
- Professor of *Mathematics for Economists A, Didactics of Mathematics II (Laboratory), Basic Mathematics 1+2, Specialistic training for teachers and preparation of the mathematical/scientific thesis, Didactics of mathematics 1 (laboratory)*
- Professor of *Physics, Physics 1*

Compact CV - Paolo Di Sia (2024-03-27)

University of Padova

Campus: Padova - School of Science (Department of Chemical Science & Department of Physics and Astronomy)

- Professor of *Principles of Mathematics and Statistics*
- Professor of *Institutions of Mathematics 1*

Campus: Padova - School of Engineering (Department of Mechanical Engineering)

- Professor of *Mathematical Analysis 1* (first ranked)

Campus: Padova - School of Medicine (Department of Neurosciences)

- Professor of *Informatics, Physics and Informatics, Chemistry, Physics and Statistics, Basic Physics applied to Radiology, Applied Physics*

Campus: Vicenza - School of Engineering (Department of Management and Engineering)

- Professor of *Mathematical Analysis 1* (first ranked)
- Professor of *General Physics, Physics 2, Physics 1* (Laboratory part)

Campus: Bressanone - Brixen --- School of Engineering

- Professor of *Physics 2*

Scientific Collaborations (selected)

- Nanoscience, Nanotechnology

Institutions: University of Padova (Italy), University of Manchester (Nanosmat Society) (UK) (2008 - today)

<http://www.nano-world.co.uk/dr-nasar-ali-founder-chairman-nanosmat/>

<https://www.nanosmat2023.com/>

- Visiting professor by the “**National Center for Theoretical Sciences**” related to the program “**Computing Platform for Strong Coupling Systems**”.

Referee Professor: **Prof. Dr. Wen-Bin Jian**

Department of Electrophysics - National Chiao Tung University - 1001 Ta Hsueh Road Hsinchu 30010, Taiwan ROC - Tel: +886-3-5712121-56159 - Fax: +886-3-5725230 (2012)

- Journal of Education Culture and Society

Institutions: University of Wroclaw (Poland), University of Padova (Italy), Turība University (Latvia), University of Social Sciences and Humanities (Wrocław)

(2014 - today)

<http://variograf.uni.wroc.pl/conference/ecs2017/>

www.uni.wroc.pl www.jecs.pl www.educationculturesociety.eu

- E-methodology

Institutions: University of Wroclaw (Poland), University of Social Sciences and Humanities (Wrocław), University of Padova (Italy), Akademia Wychowania Fizycznego we Wrocławiu (Poland)

(2015 - today)

<http://variograf.uni.wroc.pl/conference/e-methodology/>

Compact CV - Paolo Di Sia (2024-03-27)

- *Mind, Brain, Consciousness*

Institutions: University of Padova (Italy), Lakshmipur Swamiji Seva Sangha High School (H.S.), Gobardanga North 24 Parganas, West Bengal (India)
(2018 - today)

Thesis Revision - Expert - Foreign Reviewer

- Recommended by “**Advances Studies & Research Board**” for the evaluation of thesis for **Award of Degree of Ph.D in Physics** - Bahauddin Zakariya University, Multan (Pakistan)

1) **Evaluation** of the PhD thesis of Mr. Khalid Nadeem Riaz for Award of Degree of Ph.D in Physics - Bahauddin Zakariya University, Multan (Pakistan) (July 2014)

2) **Included** in the list of foreign examiners for the evaluation of the Ph.D thesis of Mr. Ghulam Murtaza - Department of Physics, Bahauddin Zakariya University, Multan (Pakistan) (February 2015)

3) **Included** in the list of foreign examiners who will evaluate the Ph.D thesis of Mr. Abid Hussain - Department of Physics, Bahauddin Zakariya University, Multan (Pakistan) (August 2015)

4) **Included** in the list of foreign examiners who will evaluate the Ph.D thesis of Mr. Hafiz Muhammad Tahir Farid - Department of Physics, Bahauddin Zakariya University, Multan (Pakistan) (March 2016)

5) **Appointed** by the Rector of National Textile University Faisalabad (Pakistan) as **external subject expert** to review the TTS-Progress report of Assistant Professor Dr. Nadeem Nasir in the department of Applied Sciences of the University (2016)

6) **Evaluation** of the PhD thesis of Mr. Imran Ahmad - Department of Physics, Bahauddin Zakariya University, Multan (Pakistan) (December 2017)

7) **Evaluation** of the PhD thesis of Ms. Aisha Iftikhar - Department of Physics, Bahauddin Zakariya University, Multan (Pakistan) (February 2018)

8) **Included** in the list of foreign examiners for the evaluation of the Ph.D thesis of Mr. Muhammad Ajmal - Department of Physics, Bahauddin Zakariya University, Multan (Pakistan) (Summer 2018)

9) **Appointed** as **one of the external foreign experts** in the **Technical Review Panel** (TRP) formed by **Department of Mathematics, COMSATS University Islamabad (Pakistan)**, Lahore Campus, to evaluate the Dossier/CV of Dr. Zulfiqar Ali for confirmation of his recent promotion as “Associate Professor on Permanent (Full) Tenure” (Nov-Dec 2018)

10) **Evaluation** of the Ph.D thesis of Mr. Ali Raza - Ph.D degree in Physics - University of the Punjab Lahore-PAKISTAN (December 2022)

Compact CV - Paolo Di Sia (2024-03-27)

11) **Nominated** by the **Competent Authority** (Rector of **National Textile (NTU) University Faisalabad, Pakistan**) as **technical foreign reviewer** to review the dossier of Dr. Nadeem Nasir, Associate Prof. of Physics, at the Department of Applied Sciences of National Textile University (NTU) to award Tenured position of Professor (Apr 2024)

International Conferences

58) “**24th Conference of the European Society for Philosophy of Religion (ESPR) - Human Nature and Religion**”, *University of Trento, Department of Humanities, Trento* (Italy), **September 5-7, 2024** (<https://event.unitn.it/espr24/>)
(Oral Presentation)

57) “**11th European International Conference on Multidisciplinary Research & European Excellence Award Presentation 2023**”, *Dhanalakshmi Srinivasan Hotel, Near New Bus Stand, Perambalur, Tamilnadu, November 26, 2023* (<https://echea.uk/>)

56) “**International Science and Technology Conference**” (ISTEC), **ROME, (Italy), July 27-28, 2023** - <https://iste-c.net/>
Coordinator of the conference (<https://iste-c.net/coordinators>)

55) “**WORLD CONFERENCE ON LEARNING AND EDUCATION RESEARCH - “Transforming Innovative Learning and Higher Education”**”, **SINGAPORE, June 19-20, 2023**
<https://wcledr.com/june-23/index.php>
Member of the International Committee (<https://wcledr.com/june-23/committee.php>)
Keynote Invited Speaker (<https://wcledr.com/june-23/>)

54) 8th International Academic Conference “**E-Methodology**”, **April 21, 2023, Wroclaw (Poland)**
Organizers: Wroclaw Medical University (<https://en.umw.edu.pl>)
<http://e-methodology-conference.eu/2023/>
(MEMBER OF THE ACADEMIC COMMITTEE) (Invited Speaker)

53) “**International Science and Technology Conference**” (ISTEC), **NICOSIA, TRNC (North Cyprus), September 01-02, 2022** - <http://iste-c.net/>
Keynote Invited Speaker: <http://iste-c.net/keynotes>
Coordinator of the conference: http://iste-c.net/organizing_committee

52) 7th International Academic Conference “**E-Methodology**”, **April 21-22, 2022, Wroclaw (Poland)**
Organizers: Wroclaw Medical University, Department of Public Health (<https://www.wnoz.umed.wroc.pl/katedra-zdrowia-publicznego>) and Foundation “Pro Scientia Publica” (www.proscientiapublica.pl)
<http://e-methodology-conference.eu/2022/>
(Keynote Invited Speaker) (First Presentation in Plenary Session)

Compact CV - Paolo Di Sia (2024-03-27)

51) **“International Science and Technology Conference” (ISTEC), NICOSIA, TRNC (North Cyprus), July 29-30, 2021** - <http://iste-c.net/>
Keynote Invited Speaker: <http://iste-c.net/keynotes>
Coordinator of the conference: http://iste-c.net/organizing_committee
(Invited)

50) 6th International Academic Conference **“E-Methodology”, May 21, 2021, Wroclaw (Poland)**
Organizers: Wroclaw Medical University, Department of Public Health (<https://www.wnoz.umed.wroc.pl/katedra-zdrowia-publicznego>) and Foundation “Pro Scientia Publica” (www.proscientiapublica.pl)
(Keynote Invited Speaker)

49) **“Global Web Conference on Multidisciplinary Research and Development” & Global Professionals – Educationalist Awards Convocation 2020 October 31, 2020**, h 08:00 PM - Mumbai, Kolkata, New Delhi

48) **“International Science and Technology Conference” (ISTEC), NICOSIA, TRNC (North Cyprus), September 02-04, 2020** - <http://iste-c.net/>
Keynote Invited Speaker: <http://iste-c.net/keynotes>
Coordinator of the conference: <http://iste-c.net/coordinators>

47) International Conference **“MINDfulness 2020”, August 29-30, 2020, Olimia Spa, Podčetrtek (Slovenia)**
(Keynote Speaker)
<http://www.eduvision.si/keynote-speakers1>

46) International Academic Conference **“Education Culture and Society 2019” - University of Wroclaw, September 11-13, 2019, Wroclaw (Poland)**
(Invited Speaker) (Oral Presentation) - <http://variograf.uni.wroc.pl/conference/ecs-2019/>

45) **“International Science and Technology Conference” (ISTEC 2019-Europe), Prague (Czech Republic), July 03-05, 2019** - <https://www.taset.net/>
(Keynote Invited Speaker) - <http://www.int-e.net/keynotes>

44) International Conference **“ETHICS & SOCIETY”, ON THE OCCASION OF THE 100TH ANNIVERSARY OF G.E.M. ANSCOMBE'S BIRTH (1919-2019), Urbino (Italy), May 23-25, 2019**
(Oral Presentation & Presentation of my book “FISICA MODERNA, COSCIENZA, MULTIVERSO, AZIONE DIVINA - Problemi, dubbi, convergenze”, Publisher: Stamen (2018))
(Invited Speaker) (<http://www.anscombe100.com/>)

43) International Academic Conference **“E-Methodology”, May 10, 2019, Wroclaw (Poland)**
Organizers: Wroclaw Medical University, Department of Public Health (<https://www.wnoz.umed.wroc.pl/katedra-zdrowia-publicznego>) and Foundation “Pro Scientia Publica” (www.proscientiapublica.pl)
(Invited to present in Plenary Session)

42) International Conference on Nanotechnology in Medicine **“NANOMED 2018”, June 26-28, 2018, Manchester (UK)**
(Invited Speaker) (Oral Presentation)

Compact CV - Paolo Di Sia (2024-03-27)

41) International Academic Conference “**E-Methodology**”, **March 15-16, 2018, Wroclaw (Poland)**

Organizers: Wroclaw Medical University, Department of Public Health (<https://www.wnoz.umed.wroc.pl/katedra-zdrowia-publicznego>) and Foundation “Pro Scientia Publica” (www.proscientiapublica.pl)

(Invited to present in Plenary Session)

40) 3rd International Conference on **Surfaces, Coatings and Nanostructured Materials “NanoSMat-Asia**”, **December 04-07, 2017, City University of Hong Kong (Hong Kong)**

(Invited Speaker) (Invited to give two tutorials)

39) 2nd International Conference on “**Impact of Nanoscience on Energy Technologies (NanoSET-2017)**”, October 25-27, 2017, **Department of Physics, COMSATS Institute of Information Technology (CIIT), Lahore (Pakistan)**

<http://lahore.comsats.edu.pk/nanoset/speakers.aspx>

(Invited Plenary Speaker)

38) 2nd international Conference “**MINDfulness 2017**”, **September 21-23, 2017, Grand Hotel Sava, Rogaska Spa (Slovenia)**

(Invited Speaker) (Oral Presentation in Plenary Session)

37) 12th International Conference on **Surfaces, Coatings and Nanostructured Materials “NanoSMat**”, **September 11-13, 2017, Paris (France)**

(**Member of the International Scientific Committee**) (Oral Presentation)

36) International Conference on Nanotechnology, Nanomaterials & Thin Films for Energy Applications “**Nano Energy**”, **July 26-28, 2017, Aalto University, Helsinki (Finland)**

(Invited Speaker) (Oral Presentation)

35) 8th International Conference on **New Horizons in Education “INTE 2017**”, **July 17-19, 2017, Berlin (Germany)**

(**Member of the International Scientific / Editorial Board**)

(Oral Presentation) (**Chairman of a Day Session (July 17)**)

34) International Academic Conference “**E-Methodology**”, **March 29-30, 2017, Wroclaw (Poland)**

Organizers: Institute of Psychology of the University of Wroclaw - Foundation “Pro Scientia Publica”

(First Presentation in Plenary Session)

33) Conference “**Relatio Subsistens. L’ontologia delle relazioni e la Filosofia Analitica della Religione**”, University of Verona and Foundation “Campostrini Studies Center”, **November 16-17, 2016, Verona (Italy)**

(Invited Speaker) (Oral Presentation)

32) International Conference on Nanotechnology in Medicine “**NANOMED 2016**”, **November 07-09, 2016, Warsaw (Poland)**

(**Member of the International Committee**) (**Chairman of a Day Session**)

Compact CV - Paolo Di Sia (2024-03-27)

31) International Academic Conference **"Education Culture and Society 2016"** - **University of Wroclaw, September 12-14, 2016, Wroclaw (Poland)**
(Invited for **Inaugural lecture**) (**Chairman** of a Day Session)

30) 11th International Conference on **Surfaces, Coatings and Nanostructured Materials "NanoSMat"**, **September 06-09, 2016, Aveiro (Portugal)**
(**Member** of the **Organising Committee**) (**Chairman** of a Day Session)

29) International Conference on **New Horizons in Education "INT-E 2016"**, **Juli 13-15, 2016, Vienna (Austria)**
(Oral Presentation) (**Chairman** of a Day Session)
(**Member** of the **International Editorial Board**)
(**Member** of the **Organising Committee**)

28) 7th International Conference on **Intercultural Education "Eduhem 2016"**, **June 15-17, 2016, Almeria (Spain)**
(Oral Presentation)
(Member of **International Scientific Committee**)

27) International Conference on Nanotechnology in Medicine **"NANOMED 2015"**, **November 23-25, 2015, Manchester (UK)**
(Invited Speaker) (Oral Presentation)

26) International Academic Conference **"Education Culture and Society 2015"** - **University of Wroclaw, September 14-17, 2015, Wroclaw (Poland)**
(Invited for **Inaugural lecture**)

25) International Conference on **New Horizons in Education "INT-E 2015"**, **June 10-12, 2015, Barcelona (Spain)**
(**Member** of the **International Editorial Board**) (**Chairman** of a Day Session)
(Oral Presentation)

24) 1st International Academic Conference **"Edutainment: Games and ICT in Education"**, **University of Wroclaw, June 02-03, 2015, Wroclaw (Poland)**
(Oral Presentation)

23) International Academic Conference **"E-Methodology"**, **March 31-April 01, 2015, Wroclaw (Poland)**
Organizers: Institute of Psychology of the University of Wroclaw - Foundation "Pro Scientia Publica"
(Oral Presentation in Plenary Session)

22) 2nd International Conference on **Surfaces, Coatings and Nanostructured Materials "NanoSMat-Asia"**, **March 24-27, 2015, Meliksah University, Kayseri (Turkey)**
(Invited speaker) (**Chairman** of a Day Session) (Organising Committee Member)
(Oral Presentation) (Invited to give a tutorial)

21) **"Cognitive Science Arena"**, III edition, **Free University of Bolzano, February 06-07, 2015, Bressanone (Italy)**
(Invited)

Compact CV - Paolo Di Sia (2024-03-27)

20) International Academic Conference **"Education Culture and Society 2014"** - **University of Wroclaw, September 15-18, 2014, Wroclaw (Poland)**
(**Opening lecture** of the conference) (my paper chosen by the Academic Board of the conference as one of the three best papers)

19) 9th International Conference on **Surfaces, Coatings and Nanostructured Materials "NanoSMat", September 08-11, 2014, Dublin (Ireland)**
(Invited speaker) (Poster Presentation)
(**Winner of the prize "Best Technical Poster"**)

18) 5th International Conference on **New Horizons in Education "INTE 2014", June 25-27, 2014, Paris (France)**
(**Member of the International Editorial Board**)
(Oral Presentation)

17) 2nd US International Conference on **Surfaces, Coatings and Nanostructured Materials "NanoSMat-USA", May 19-22, 2014, Houston - Texas (USA)**
(Invited speaker)
Received a **"Certificate of Appreciation"**
(Oral Presentation)

16) International **Teacher Education Conference "ITEC 2014", February 5-7, 2014, Dubai (UAE)**
(**Member of the International Advisory Board**) (**Chairman of a Day Session**)
(Oral Presentation)

15) 14th International School and Workshop on **Nanoscience and Nanotechnology 2013 "n&n 2013", September 30 - October 04, 2013, INFN - Frascati National Laboratories (Italy)**
(Invited Speaker) (Oral Presentation)

14) 8th International Conference on **Surfaces, Coatings and Nanostructured Materials "NanoSMat", September 22-25, 2013, Granada (Spain)**
(Invited speaker) (**Chairman of a Day Session**) (**Member of the International Advisory Board**)
(**Winner of the prize "Best Technical Paper"**)

13) 3rd International Conference on Theoretical Physics **"Theoretical Physics and its Application", June 24-28, 2013, Moscow (Russia)**
(Oral Presentation)

12) 7th International Conference on **Surfaces, Coatings and Nanostructured Materials "NanoSMat", September 18-21, 2012, Prague (Czech Republic)**
(Invited Speaker) (**Member of the International Advisory Board**)
(Invited to give a Short Course (Tutorial))
(**Winner of the prize "Eminent Invited Tutorial Speaker"**) (**Chairman of a Day Session**)

Compact CV - Paolo Di Sia (2024-03-27)

- 11) 6th International Meeting on **Developments in Materials, Processes and Applications of Emerging Technologies “MPA 2012”**, July 02-04, 2012, Alvor (Portugal)
(Invited Speaker) (**Member of the International Scientific Committee**)
(**Chairman** of 2 Day Sessions)
- 10) 6th International Workshop “**DICE2012**” - “**Spacetime - Matter - Quantum Mechanics from the Planck scale to emergent phenomena**”, September 17-21, 2012, Castiglioncello (Italy)
(Poster Presentation)
- 9) 7th International Conference on **Diffusion in Solids and Liquids “DSL 2011”**, June 26-30, 2011, Algarve (Portugal)
(Oral Presentation)
- 8) 5th International Conference on **Surfaces, Coatings and Nanostructured Materials “NanoSMat-5”**, October 19-21, 2010, Reims (France)
(Invited Speaker) (**Winner of the prize “Distinguished Invited Tutorial Speaker”**)
- 7) 5th International Workshop “**DICE2010**” - “**Space-Time-Matter - current issues in quantum mechanics and beyond**”, September 13-17, 2010, Castiglioncello (Italy)
(Poster Presentation)
- 6) 4th International Meeting on **Developments in Materials, Processes and Applications of Emerging Technologies “MPA 2010”**, July 28-30, 2010, Braga (Portugal)
(Oral Presentation) (**Chairman** of a Day Session)
(Invited to give a Short Course (Title: “**About nano-piezotronics and nanosensoristics: properties and physics at nanoscale**”))
- 5) 6th International Conference on **Diffusion in Solids and Liquids “DSL 2010”**, July 05-07, 2010, Paris (France)
(Oral Presentation)
- 4) 4th International Conference on **Surfaces, Coatings and Nanostructured Materials “NanoSMat 2009”**, October 19-22, 2009, Rome (Italy)
(Oral Presentation)
- 3) 15th International Conference on “**Condensed Matter Nuclear Science**”, October 05-09, 2009, Rome (Italy)
(Collaborator to the presented paper)
- 2) 5th International Conference on **Diffusion in Solids and Liquids “DSL 2009”**, June 24-26, 2009, Rome (Italy)
(Oral Presentation)
- 1) 3rd International Conference on **Surfaces, Coatings and Nanostructured Materials, “NanoSMat 2008”**, October 21-24, 2008, Barcelona (Spain)
(Presentation of 2 Posters)

Reviewer - Expert

- 1) **Scientific Reports (Nature)** (ISSN 2045-2322 (online))
(I.F.: **4.576**)
(<https://www.nature.com/srep/>)
- 2) **International Journal of Theoretical Physics (Springer Nature)** (Electronic ISSN: 1572-9575)
(I.F.: **1.4** (2022))
(<https://www.springer.com/journal/10773>)
- 3) **International Journal of Hydrogen Energy (Elsevier)** (ISSN: 0360-3199)
(I.F.: **4.939**)
(<https://www.journals.elsevier.com/international-journal-of-hydrogen-energy>)
- 4) **International Journal Applied Clay Science (Elsevier)** (ISSN: 0169-1317)
(I.F.: **4.605**)
(<https://www.journals.elsevier.com/applied-clay-science>)
- 5) **Advances in Nano Research, An International Journal** (ISSN: 2287-237X (Print) - ISSN: 2287-2388 (Online))
(2017 I.F.: **4.583**)
(<http://www.techno-press.org/?journal=anr&subpage=7>)
- 6) **Plasmonics** (Electronic ISSN: 1557-1963 - Print ISSN: 1557-1955)
(2022 I.F.: **3.0**)
(<https://www.springer.com/journal/11468>)
- 7) **International Journal “Entropy”** (ISSN 1099-4300; CODEN: ENTRFG)
(2017 I.F.: **2.494**)
(<https://www.mdpi.com/journal/entropy>)
(https://www.mdpi.com/journal/entropy/submission_reviewers)
- 8) **Brain Sciences** (ISSN: 2076-3425)
(I.F.: **3.333** (2021); 5-Year I.F.: **3.706** (2021))
(<https://www.mdpi.com/journal/brainsci>)
- 9) **AIP Advances** (E-ISSN: 2158-3226)
(2013 I.F.: **1.627**)
(<https://aip.scitation.org/journal/adv>)
- 10) **American Journal of Educational Research** (ISSN (Print): 2327-6126; ISSN (Online): 2327-6150)
(2013 I.F.: **1.2033**)
(<http://www.sciepub.com/journal/EDUCATION>)
- 11) **Frontiers in Nanotechnology** (Electronic ISSN: 2673-3013) (Indexed in: Google Scholar, DOAJ, CrossRef, CLOCKSS, OpenAIRE)
(<https://www.frontiersin.org/journals/nanotechnology#>)

Compact CV - Paolo Di Sia (2024-03-27)

12) **Frontiers in Psychology** (Electronic ISSN: 1664-1078) (Indexed in: CLOCKSS, CrossRef, DOAJ, EBSCO, Google Scholar, OpenAIRE, PsycINFO, PubMed Central (PMC), Scopus, Semantic Scholar, Social Science Citation Index (SSCI), Ulrich's Periodicals Directory, Zetoc) (I.F.: 4.232)

(<https://www.frontiersin.org/journals/psychology>)

13) **Frontiers in Human Neuroscience** (Electronic ISSN: 1662-5161) (Indexed in: PubMed, PubMed Central (PMC), Scopus, Web of Science Science Citation Index Expanded (SCIE), Google Scholar, DOAJ, CrossRef, PsycINFO, Chemical Abstracts Service (CAS), Embase, as well as being searchable via the Web of Knowledge, Semantic Scholar, Ulrich's Periodicals Directory, CLOCKSS, EBSCO, OpenAIRE, Zetoc) (I.F.: 2.9)

(<https://www.frontiersin.org/journals/human-neuroscience>)

14) **Open Theology** (De Gruyter Open Access) (ISSN: 2300-6579)

(<https://www.degruyter.com/journal/key/opth/html>)

(<https://www.degruyter.com/journal/key/opth/html#ranking>)

15) **Scientific African** (ISSN: 2468-2276)

(<https://www.editorialmanager.com/sciaf/Default.aspx>)

16) **Frontiers of Astronomy, Astrophysics and Cosmology (FAAC)**

(<http://www.sciepub.com/journal/FAAC>)

17) **American Journal of Electrical and Electronic Engineering (AJEEE)** (ISSN

(Print): 2328-7365; ISSN (Online): 2328-7357)

(<http://www.sciepub.com/journal/AJEEE>)

18) **International Journal of Physics** (ISSN (Print): 2333-4568; ISSN (Online): 2333-4576)

(<http://www.sciepub.com/journal/IJP>)

19) **Journal of Modern Education Review** (ISSN: 2155-7993)

(<http://academicstar.us/journalsshow.asp?ArtID=365>)

20) **American Journal of Science and Technology** (ISSN: 2375-3846)

(<http://www.aascit.org/journal/ajst>)

21) **International Journal of Modern Physics and Application** (ISSN: 2375-3870)

(<http://www.aascit.org/journal/about?journalId=909>)

22) **International Journal of Mathematical Analysis and Applications** (ISSN: 2375-3927)

(<http://www.aascit.org/journal/about?journalId=921>)

23) **Journal of Pharmaceutical Research International** (ISSN: 2456-9119)

(<https://www.journaljpri.com/index.php/JPRI>)

24) **Physical Science International Journal** (ISSN: 2348-0130)

(<https://www.journalpsij.com/index.php/PSIJ>)

(<https://www.journalpsij.com/index.php/PSIJ/abstracting-indexing>)

Compact CV - Paolo Di Sia (2024-03-27)

25) **Asian Journal of Economics, Business and Accounting** (ISSN: 2456-639X)

(<https://www.journalajeba.com/index.php/AJEBA>)

(<https://www.journalajeba.com/index.php/AJEBA/abstracting-indexing>)

26) **Asian Journal of Probability and Statistics** (ISSN: 2582-0230)

(<https://www.journalajpas.com/index.php/AJPAS>)

(<https://www.journalajpas.com/index.php/AJPAS/abstracting-indexing>)

27) **African Educational Research Journal** (ISSN: 2354-2160 - DOI: 10.30918/AERJ)

(http://www.netjournals.org/aer_index.html)

28) **Journal of Computer Sciences and Applications** (ISSN (Print): 2328-7268; ISSN (Online): 2328-725X)

(<http://www.sciepub.com/journal/ICSA>)

29) **Journal of Advances in Mathematics and Computer Science** (ISSN: 2456-9968)

(<https://journaljamcs.com/index.php/IAMCS>)

30) **International Journal of Innovation in Science and Mathematics (IJISM)** (ISSN : 2347-9051)

(http://www.ijism.org/index.php?option=com_content&view=article&id=24&Itemid=172)

(http://www.ijism.org/index.php?option=com_content&view=article&id=44:2019&catid=14&Itemid=209)

31) **Recent Progress in Materials** (ISSN: 2689-5846)

(<https://www.lidsen.com/journals/rpm>)

32) **Journal of Applied Mathematics** (ISSN: 1110-757X (Print); ISSN: 1687-0042 (Online); DOI: 10.1155/4185)

(<https://www.hindawi.com/journals/jam/about/>)

33) **Journal of Material Sciences & Manufacturing Research** (ISSN: 2754-4915)

(<https://www.onlinescientificresearch.com/journal-of-material-sciences-manufacturing-research-home-jmsmr.php>)

34) **Asian Journal of Research in Computer Science** (ISSN: 2581-8260)

Indexing: (<https://journalajrcos.com/index.php/AJRCOS/abstracting-indexing>)

(<https://journalajrcos.com/index.php/AJRCOS>)

35) **International Journal of Physics Research and Applications** (ISSN: 2766-2748)

(<https://www.physicsresjournal.com/>)

36) **International Astronomy and Astrophysics Research Journal**

Indexing: (<https://www.journaliaarj.com/index.php/IAARI/abstracting-indexing>)

(<http://www.journaliaarj.com/index.php/IAARJ>)

37) **Journal of Autonomous Intelligence** (eISSN: 2630-5046)

(<https://jai.front-sci.com/index.php/jai>)

38) **Reviewer** for the International Conference “**III World Finance Conference**” - Singapore, December 12-13, 2014

(<https://www.world-finance-conference.com/conference.php?id=7>)

Compact CV - Paolo Di Sia (2024-03-27)

39) **Recognized** as **expert** within the area of **Technological Sciences** and **highly recommended** by the members of the national Evaluation Panel of **Croatian Science Foundation (HRZZ)**

40) Registered as **Expert** for the "*European Commission – Research & Innovation*"

Awards - Nominations - Opening Lectures - Invitation for Essays (selected)

- Prize "**Distinguished Tutorial Invited Speaker**", received at 5th International Conference on Surfaces, Coatings and Nanostructured Materials, "**NANOSMAT-5**", October 19-21, 2010, Reims (France)

- Prize "**Eminent Invited Tutorial Speaker**", received at 7th International Conference on Surfaces, Coatings and Nanostructured Materials, "**NANOSMAT**", September 18-21, 2012, Prague (Czech Republic)

- Prize "**Best Technical Paper**", received at 8th International Conference on Surfaces, Coatings and Nanostructured Materials, "**NANOSMAT**", September 22-25, 2013, Granada (Spain)

- "**Certificate of Appreciation**", received at 2nd International Conference "**NANOSMAT USA**", May 19-22, 2014, Houston (Texas)

- Prize "**Best Technical Poster**", received at 9th International Conference on **SURFACES, COATINGS AND NANOSTRUCTURED MATERIALS**, "**NanoSMat**", **September 08-11, 2014**, Dublin (Ireland)

- **Selected to contribute** to the 2014 *Times Higher Education World University Rankings* by participating in the **Thomson Reuters Academic Reputation Survey**

- **Opening lecture** of the International Academic Conference "**Education Culture and Society 2014**" - **University of Wroclaw** (Poland) - **September 15-18, 2014** (my paper was chosen by the Academic Board of the conference to be one of the three best papers)

- **Opening lecture** of the International Academic Conference "**Education Culture and Society 2015**" - **University of Wroclaw** (Poland) - **September 14-17, 2015**

- **Opening lecture** of the International Academic Conference "**Education Culture and Society 2016**" - **University of Wroclaw** (Poland) - **September 12-14, 2016**

- **Winner** of "**Life Time Achievement Award**" - DK International Research Foundation faculty awards 2018 (www.dkirf.org)

- **Winner** at **World Championship 2018** in Educational Research with the paper: "About the Peculiar Aspects of Relativity and Beyond: A Pedagogical Perspective" (July 2018) (<https://sites.google.com/site/worldchampionshipwinners/>)

Compact CV - Paolo Di Sia (2024-03-27)

- **Selected** for the **Award of Doctor of Science (D.Sc)** as a **legitimate honor** (International American Council for Research and Development, United States of America - www.iacrd.org) (Nov 03, 2018)

- **Winner of the World Research Peace Awards 2019** for excellence in "**Research and achievements in academic**" (titles awarded by "RULA AWARDS" - www.rulaawards.com, accredited by "Idamas Learning Center, Malaysia" - www.idamaslearning.com/ & www.idamaslearning.com/blog , "World Research Council" - www.worldresearchcouncil.org , "United Medical Council" - www.unitedmedicalcouncil.org)

- **Selected** for the "**International Award of Excellence in Research**" - International American Council for Research & Development awards 2019 (<http://iacrd.org/>)

- **Selected** for the "**Best Researcher Award**" - DK International Research Foundation faculty awards 2019 (www.dkirf.org)

- Shortlisted for **Honorary D.Sc.** by the **International Talent Search Committee** **International Agency for Standards and Ratings (IASR)** (June 10, 2020)

- **Winner of the "Global Achievement Award 2020"**

Hosted & Organized by Sidhartha Educational and Research Federation (SERF)

Approved by Government of India

Wing of SECT & ISO 9001:2015 Certified UNESCO & United Nations Organization (UNHCR, UNICEF, WFP & UNFPA)

Approved: Association of North America Higher Education International (ANAHEI), USA

Registered: Admin Office: Shantibazar Colony, Jaraka, Dharmasala, Jajpur, Odisha – 755008

Branch Office: Malagala Main Road, Nagarbhavi Second Stage, Bangalore, Karnataka

https://www.facebook.com/Sidhartha-Educational-and-Research-Federation-102745301513436/?modal=admin_todo_tour

- **Winner of the "SAS honorarium Fellowship Award 2020"**

Scholars Academic and Scientific Society (SAS Society)

<http://www.sassociety.com/sas-conference-and-awards-2020/>

- **Winner of the "Albert Einstein - Research Scientist Award"**

"Global Professionals - Educationalist Award 2020"

<https://docs.google.com/forms/d/e/1FAIpQLSct5yzGJ3EYhBqldGvzBo5sBTP9LXmG7nAGGsd7TwxigtNyA/viewform>

Hosted & Organized by:

Sarojini Research and Development Council

New Delhi / Odisha / Kerala / Karnataka / Tamilnadu

Approved by Government of India / ISO 9001:2015 Certified

UNESCO & United Nations Organization (UNHCR, UNICEF, WFP & UNFPA) Approved

Association of North America Higher Education International (ANAHEI), USA Registered

Email: smtchairman@gmail.com / Phone: +91 95 00 77 99 68

&

Global Institute of Peace Education and Research Centre

ISO 9001:2015 Certified / GIPERC Indian Chapter Approved by Government of India

UNESCO & United Nations Organization (UNHCR, UNICEF, WFP & UNFPA) Approved

Association of North America Higher Education International (ANAHEI), USA Registered

Islam Nagar, Maruthamunai, Eastern Province, Sri Lanka

Email: gipercchairman@gmail.com

&

Compact CV - Paolo Di Sia (2024-03-27)

Global Citizens Peace Federation
(Approved by Government of India & ISO 9001:2015 Certified)
Sivagang, Vidyanagar, Kunaathurmedu, Palakkad, Kerala
Email: gcpfchairman@gmail.com / Phone: +91 94 86 34 54 52

- **Selected** for the “**International Scientist Awards on Engineering, Science, and Medicine**” (Mar 06-07, 2021) (Goa, India)

https://www.vdgood.org/award_details/isag_awards_2021

- **Scientist Award Winner** in the “**International Scientist Awards on Engineering, Science and Medicine**” (Aug 28-29, 2021 - Trivandrum, India)

https://www.vdgood.org/award_details/international_scientist_awards_trivandrum

- **Scientist Award Winner** in the “**International Scientist Awards on Engineering, Science and Medicine**” (Sept 10-11, 2021 - Coimbatore, India)

https://www.vdgood.org/award_details/international-scientist-awards-Coimbatore-isac-2021

- **Award Winner** in the “**International Scientist Awards on Engineering, Science, and Medicine**” (Dec 04-05, 2021 - Visakhapatnam, India)

https://www.vdgood.org/award_details/visawards2021

- **Award Winner** in the Research Category in the “**International Scientist Awards on Engineering, Science and Medicine**” (Dec 31, 2021)

https://www.insoawards.com/award_details/online_scientist_awards_2021

- **Selected** (Dec 24, 2021) for winning the “**International Scientist Awards on Engineering, Science, and Medicine**” (Feb 25, 2022)

https://www.insoawards.com/award_details/international-scientist-awards-online-isao_awards_2021

- **Nominated and selected as Award Winner** by INSO Committee members in the “**International Research Awards on Science, Technology, and Management**” on 14 May 2022 at Chennai, India.

https://www.insoawards.com/award_details/international_research_awards

- **Award Winner** in the **Research Category** - Event: “**International Scientist Awards on Engineering, Science, and Medicine**” - 08-09 Jul 2022 - Villupuram TN 606107, India.

https://www.insoawards.com/award_details/isao_awards

- **Award Winner** in the **Research Category** - Event: “**International Scientist Awards on Engineering, Science, and Medicine**” - 09-10 Sept 2022 - Online Mode.

https://www.insoawards.com/award_details/isao_awards

- **Award Winner** in the **Research Category** - Event: “**International Scientist Awards on Engineering, Science, and Medicine**” - 30-31 Oct 2022 - Online Mode.

https://www.insoawards.com/award_details/inso_Online_Award_2022

- **Award Winner** in the in the **INSO 2023 (International Research Awards on Science, Technology and Management)** - 28 Feb 2023 - Online Mode.

https://www.insoawards.com/award_details/research_awards_2023

Compact CV - Paolo Di Sia (2024-03-27)

- Confirmed for **Outstanding Researcher Award** at the **International Conference for Award Winners in Engineering, Science and Medicine** - Pondicherry, India - 15-16 Apr 2023.

https://www.insoawards.com/award_details/isao_2023_conference

- **Nominated** for "**European Excellence Awards 2023**" - *European Council for Higher Education and Accreditation* - Office: Hulme, Manchester M15 5RG, United Kingdom - Website: www.echea.uk (January 2023)

- **Invited** for **Nomination "Healthcare Awards"** - *6th Venus International Healthcare Awards (VIHA 2023)* - Categories: *Award for Excellence, Outstanding Researcher* - 15 July 2023 at Greenpark Chennai, India

<https://www.venusinfo.org/>

- **Selected** as an **Official Nominator** for the **VinFuture Prize** (Hanoi, February 22nd, 2023)

<https://vinfutureprize.org/>

- **Confirmed** as **Award Winner** for "**European Excellence Awards 2023**" - *European Council for Higher Education and Accreditation* - Office: Hulme, Manchester M15 5RG, United Kingdom - Website: www.echea.uk (May 2023) (*Isaac Newton - Research Scientist Award*)

- **Award Winner** for "**European Excellence Awards 2023**" - *European Council for Higher Education and Accreditation* - Office: Hulme, Manchester M15 5RG, United Kingdom - Website: www.echea.uk (November 2023) (*International Golden Award*)

- **Invitation** for **guest essay** (December 2023)

<https://www.dr-gindi.com/essays>

<https://www.dr-gindi.com/essays/the-infinity-in-the-nothing>

Membership of Scientific Societies - Scientific Associations - International Research Foundations

1) Full Member of "**American Nano Society**", 411 Walnut Street, Green Cove Springs, FL 32043-3443

(<https://nanosociety.us/>)

2) Auxiliary member of "**American Philosophical Practitioners Association**"

(<https://appa.edu/>)

3) Certified Member of "**Nanopaprika.eu - The International NanoScience Community**"

(<https://www.nanopaprika.eu/>)

4) Ordinary Member of "**Associazione Italiana di Filosofia della Religione**" ("**Italian Association of Philosophy of Religion**")

(<http://www.aifr.it/>)

5) Regular Member of "**American Association for Science and Technology (AASCIT)**"

(<http://www.aascit.org/home/index>)

Compact CV - Paolo Di Sia (2024-03-27)

6) Professional Member of “**The NANOSMAT Society**”
(<http://www.nanosmat-society.org/>)

7) Honor Member of “**International Institute for Peace and Religions**” , Al-Mustaf International University, Qom (Iran)
(<http://iipr.ir/>)

8) Selected to be a Member of **ACS – American Chemical Society**
(<http://www.acs.org/content/acs/en.html>)

9) Regional Coordinator of **DKIRF** (DK International Research Foundation)
(<http://dkirf.org/regional-coordinators/>)

10) Professional Member of the “**Association of Science, Education and Technology**” (TASET)
(<https://www.taset.net/>)

11) International evaluator of the “**Turkish Higher Education Quality Council**” (THEQC)
(<https://www.yokak.gov.tr/>)

Member of International Scientific Committees **Editorial/Advisory Boards - Organizing Committee Member**

1) **MPA Tech Conference** - Nanomaterials, Processes and Applications of emerging Technologies <http://www.mpa-meeting.com/committees.asp>

2) International Conference **NanoSMat, September 2012**, Prague - **Czech Republic**

3) **International Teacher Education Conference** (2014-today) & **Member of the Organizing Committee 2016** - <http://www.ite-c.net>

4) **International Conference on New Horizons in Education** (2014-today) & **Member of the Organizing Committee 2016** - <http://www.int-e.net>

5) **International Educational Technology Conference** (2014-today) & **Member of the Organizing Committee 2016** - <http://iet-c.net>

6) **International Science and Technology Conference** (2014-today) & **Member of the Organizing Committee 2016** - <http://www.iste-c.net>

7) **International Distance Education Conference** - **Member of the Organizing Committee 2016** - <http://www.id-ec.net>

8) Organising Committee Member of the 2nd International Conference on **Surfaces, Coatings and Nanostructured Materials**, “**NanoSMat-Asia**”, **March 24-27, 2015**, Meliksah University, **Kayseri** (Turkey)

Compact CV - Paolo Di Sia (2024-03-27)

- 9) *Journal of Nanotechnology in Diagnosis and Treatment* (ISSN (online): 2311-8792)
- 10) *American Journal of Educational Research* (ISSN (Print): 2327-6126; ISSN (Online): 2327-6150)
- 11) *Journal of Modern Education Review* (ISSN: 2155-7993)
- 12) *International Journal of Physics* (ISSN (Print): 2333-4568; ISSN (Online): 2333-4576)
- 13) *Academic journal E-methodology* (ISSN: 2353-5881; e-ISSN: 2392-0688)
- 14) *Scienze e Ricerche* (AREA A - Scienze Matematiche, Fisiche e Naturali)
<http://www.associazioneitalianadellibro.it>
- 15) Member of the *college of referees* of *Scienze e Ricerche*
<http://www.associazioneitalianadellibro.it>
- 16) Member of Editorial Board of *Journal of Nanoscience with Advanced Technology (JNAT)* (ISSN: 2059-5026)
- 17) Member of Editorial Board of *Journal of Education Culture and Society (JECS)* (ISSN: 2081-1640)
- 18) Member of Editorial Board of *Frontiers in Nanoenergy Technologies and Materials*
<http://www.frontiersin.org>
- 19) Member of Editorial Board of *Journal of Bioinformatics and Intelligent Control (JBIC)* (ISSN: 2326-7496 (Print); EISSN: 2326-750X (Online))
- 20) Member of Advisory Board of *Frontiers of Astronomy, Astrophysics and Cosmology (FAAC)* - <http://www.sciepub.com/journal/FAAC>
- 21) Member of Advisory Board of *2014 International Conference on Interdisciplinary Research in Education (ICOINE2014)* - October 29-31, Milano (Italy)
- 22) Member of International Scientific Committee of the *2015 International Conference on Sustainable Energy and Environmental Engineering (SEEE2015)* - July 26-27, Phuket (Thailand)
- 23) Member of International Scientific Committee of the *2015 International Conference on Sustainable Energy and Environmental Engineering (SEEE2015)* - October 25-26, Bangkok (Thailand)
- 24) Member of International Scientific Committee of the **8th International Meeting on Particles and Fields**, April 20 - 22, 2016, COMSATS Institute of Information and Technology, Lahore (Pakistan)

Compact CV - Paolo Di Sia (2024-03-27)

25) Member of International Scientific Committee of the newly-founded **International Academic Journal “Edutainment”** (published both in print and on-line – open access) (Spring 2016)

26) Member of International Scientific Committee of **7th International Conference on Intercultural Education (Eduhem2016)** - June 15-17, Almeria (Spain)

27) Member of International Advisory Board of **International Contemporary Education Research Congress**, September 29 - October 02, 2016, Mugla (Turkey)

28) Member of Organising Committee of **11th International Conference on Surfaces, Coatings and Nanostructured Materials “NanoSMat”** - September 06-09, 2016, Aveiro (Portugal)

29) Member of International Committee of **International Conference on Nanotechnology in Medicine “Nanomed 2016”** - November 07-09, 2016, Warsaw (Poland)

30) Member of Editorial Board of **SCIOL Biomedicine Journal**
http://sbiomedicine.com/editorial_board.php

31) Member of Editorial Board of **INTERNATIONAL JOURNAL OF INNOVATION IN SCIENCE AND MATHEMATICS (IJISM)**
(ISSN: 2347 - 9051)
http://ijism.org/index.php?option=com_content&view=article&id=44:2019&catid=14&Itemid=209

32) Member of Technical Program Committee of the **4th International Conference on Education and Social Development (ICESD 2019)**, January 19-20, 2019, Shenzhen (China)
<http://www.icesd-2019.com/page/CO/committee.php>

33) Member of Editorial Board of **Ergonomics International Journal (EOIJ)** - ISSN: 2577-2953
<https://medwinpublishers.com/EOIJ/editorial-board.php>

34) International Program Committee Member of the **5th International Conference on Sensors and Electronic Instrumentation Advances (SEIA' 2019)**, Canary Islands (Tenerife), 25-27 September 2019
<http://www.seia-conference.com/>

35) Member of Editorial Board of **EPH Journal** - <https://ephjournal.com/>

36) Member of Editorial Board of **Science Research Association (scirea) - Journal of Sociology**
<http://www.scirea.org/journal/EditorialBoard?JournalID=84000#6561>

37) Member of Editorial Board of **International Journal of Sensors**
<http://www.remedypublications.com/international-journal-of-sensors/editorialboard.html>

38) Member of Editorial Board of **Advances in Nanomedicine and Nanotechnology Research**
<http://www.scitcentral.com/editorboard.php?journal=27>

Compact CV - Paolo Di Sia (2024-03-27)

39) Member of Editorial Board of *NeuroQuantology* (Interdisciplinary Journal of Neuroscience and Quantum Physics)

<http://www.neuroquantology.com/index.php/journal/about/editorialTeam>

40) Member of Editorial Team of *INTERNATIONAL JOURNAL FOR RESEARCH IN BIOLOGY & PHARMACY* (ISSN: 2208-2093)

<https://gnpublication.org/index.php/bp/about/editorialTeam>

41) Member of Editorial Board of *INTERNATIONAL JOURNAL OF APPLIED SCIENCE AND MATHEMATICS (IJASM)*

(ISSN: 2394-2894)

<http://www.ijasm.org/index.php/editors/78-editorial-board-2018>

42) Member of Editorial Board of the *5th International Conference on Nano Medicine and Nano Technology*, Bangkok, Thailand, April 22-23, 2020

<http://nanotechcongress.alliedacademies.com/organizing-committee>

43) Member of International Scientific Advisory Board of the *World Chemistry Forum "WCF 2020"*, Osaka, Japan, May 22-24, 2020

<http://www.istci.org/wcf2020/OrganizingCommittee.asp>

44) Organizing Committee Member of the *27th International Congress on Nursing and Primary Health Care*, Zurich, Switzerland, July 29-30, 2020.

45) "*International Science and Technology Conference*" (ISTEC), NICOSIA, TRNC (North Cyprus), September 02-04, 2020 - <http://iste-c.net/>

Coordinator of the conference: <http://iste-c.net/coordinators>

46) Member of the Editorial Team of *International Journal For Research In Biology & Pharmacy* (ISSN: 2208-2093)

<https://gnpublication.org/index.php/bp/about/editorialTeam>

47) Organizing Committee Member of the *Global Congress and Expo on Nano/Molecular Medicine and Engineering*, Osaka, Japan, March 22-23, 2021.

<https://www.scientificfederation.com/nanomolecular-medicine/committee.php>

48) "*International Science and Technology Conference*" (ISTEC), NICOSIA, TRNC (North Cyprus), July 29-30, 2021 - <http://iste-c.net/>

Coordinator of the conference: http://iste-c.net/organizing_committee

49) Member of Editorial Board of *Journal of Material Sciences & Manufacturing Research*

<https://www.onlinescientificresearch.com/journal-of-material-sciences-manufacturing-research-editorial-board-jmsmr.php>

50) Member of Reviewer Board of *International Journal of Engineering and Innovative Technology (IJEIT)*

<https://www.ijeit.com/page/editorial%20board.html>

51) Editorial Board Membership - *World Scientific News* - An International Scientific Journal - EISSN: 2392-2192

<http://www.worldscientificnews.com/editors/>

Compact CV - Paolo Di Sia (2024-03-27)

52) **“International Science and Technology Conference” (ISTEC)**, NICOSIA, TRNC (North Cyprus), September 01-02, 2022 - <http://iste-c.net/>
Coordinator of the conference: http://iste-c.net/organizing_committee

53) *Associate Editor of **Journal of Basic & Applied Sciences***
ISSN (online): 1927-5129 - ISSN (print): 1814-8085
<https://setpublisher.com/pms/index.php/jbas>
<https://setpublisher.com/pms/index.php/jbas/indexed-in>
<https://setpublisher.com/pms/index.php/jbas/about/editorialTeam>

54) *Executive Editor of **Journal of Material Sciences & Manufacturing Research***
<https://www.onlinescientificresearch.com/journal-of-material-sciences-manufacturing-research-editorial-board-jmsmr.php>
<https://www.onlinescientificresearch.com/members.php#>

55) *MEMBER OF THE ACADEMIC COMMITTEE* of the 8th International Academic Conference **“E-Methodology”**, April 21, 2023, Wroclaw (Poland)
Organizers: Wroclaw Medical University (<https://en.umw.edu.pl>)
<http://e-methodology-conference.eu/2023/>

56) **“WORLD CONFERENCE ON LEARNING AND EDUCATION RESEARCH - “Transforming Innovative Learning and Higher Education”**”, SINGAPORE, June 19-20, 2023
<https://wcledr.com/june-23/index.php>
Member of the International Committee (<https://wcledr.com/june-23/committee.php>)

57) **“International Science and Technology Conference” (ISTEC)**, ROME, (Italy), July 27-28, 2023 - <https://iste-c.net/>
Coordinator of the conference (<https://iste-c.net/coordinators>)

58) *Editorial Board Member* of **“Acta Scientific Computer Sciences”** International Journal (indexed: Google Scholar, Publons)
<https://www.actascientific.net/ASCS.php>
<https://www.actascientific.net/ASCS-EB.php>

59) *Advisory Board Member* of **“Acta Scientific Applied Physics”** International Journal
<https://www.actascientific.com/ASAP.php>
<https://www.actascientific.com/ASAP-EB.php>

60) *Editorial Board Member* of **“Universal Library of Biological Sciences”** International Journal
<https://uopenaccess.com/ulpages/journalUlbsc>
<https://uopenaccess.com/ulpages/editorialboardUlbsc>

61) *Editorial Board Member* of **“Universal Library of Innovative Research and Studies”** International Journal
<https://www.uopenaccess.com/ulpages/journalUlirs>
<https://www.uopenaccess.com/ulpages/editorialboardUlirs>

62) Accepted as *Editorial Board Member* of **“Universal Library of Multidisciplinary”** International Journal
<https://www.uopenaccess.com/ulpages/journalUImdi>
<https://www.uopenaccess.com/ulpages/editorialboardUImdi>

Linguistic Skills

- 1) **Italian: *Mother Tongue***
- 2) **English: *independent and competent use*** (Written and Spoken) (*Advanced - C1 level*)
- 3) **German: *independent and competent use*** (Written, Spoken) (*Advanced - C1 level*)
- 4) **Spanish: *mastery of basic language*** (Written, Spoken) (**A2-B1 level**)
- 5) **Norwegian: *mastery of basic language*** (Written, Spoken) (**A1-A2 level**)

Already held academic courses in English and German

Books Editor- Editor

- 1) ***Science and applications of Tailored Nanostructures***
ISBN (eBook): 978-1-910086-19-3
Publisher: One Central Press (OCP) (2017)
(editor)
<http://www.onecentralpress.com/science-and-applications-of-tailored-nanostructures/>
- 2) ***Advanced Materials and their Applications: Micro to nano scale***
ISBN (eBook): 978-1-910086-21-6
Publisher: One Central Press (OCP) (2018)
(co-editor)
<http://www.onecentralpress.com/advanced-materials-and-their-applications-micro-to-nano-scale/>
- 3) **Editor on Academia.edu** (Jan 2019)
- 4) ***Handbook of Smart Materials, Technologies, and Devices***
Publisher: Springer Nature (2022)
(co-editor)
<https://meteor.springer.com/smartmaterials>
<https://meteor.springer.com/smartmaterials/?id=1100&tab=About&mode=ReadPage&entity=8548>
<https://link.springer.com/referencework/10.1007/978-3-030-84205-5>
- 5) **Topic Editor (Topic Editorial Board Member)** (2021-01-31)
Symmetry (ISSN 2073-8994; CODEN: SYMMAM)
I.F.: 2.7 (2023)
<https://www.mdpi.com/journal/symmetry>
https://www.mdpi.com/journal/symmetry/topic_editors
https://www.mdpi.com/journal/symmetry/special_issues/Symmetry_Nanoscale_Matter_Mind

Publications

Author of hundreds of works to date (papers on national and international journals, international book chapters, books, inner academic notes, works on scientific web-pages, popular works)

Selected Papers

- P. Di Sia

“The Electronic Nose in Applied Science, Technology, Medicine, Modeling: a Transdisciplinary Overview”

Sensors (MDPI) (ISSN: 1424-8220)

<https://www.mdpi.com/journal/sensors>

Indexing: <https://www.mdpi.com/journal/sensors/indexing>

(I.F.: **3.9**) (Citescore: **6.8**)

(Invited - To be submitted) (2024)

- P. Di Sia

“On Foundations of Quantum Mechanics: Related Philosophical Problems and Main Solution Attempts”

Philosophies (MDPI) (ISSN: 2409-9287)

<https://www.mdpi.com/journal/philosophies>

Indexing: <https://www.mdpi.com/journal/philosophies/indexing>

(I.F.: **0.9**) (Citescore: **1.1**)

(Invited - To be submitted) (2024)

- P. Di Sia

“On the concepts of time, space, vacuum and domain of investigation among contemporary physics, philosophy and theological reflection”

Journal of Philosophical Theological Research (JPTR)

<https://pfk.qom.ac.ir/?lang=en>

(ISSN: 1735-9791 (Print), ISSN: 2538-2500 (Online))

Indexing and Abstracting: <https://pfk.qom.ac.ir/journal/indexing?lang=en>

Available Online from 28 February 2024:

https://pfk.qom.ac.ir/article_2757.html?lang=en

(In press) (2024)

- P. Di Sia

“Primordial Dynamic Space and Quantum Personal Ergonomics”

Ergonomics International Journal (EOIJ), ISSN: 2577-2953

<https://medwinpublishers.com/article-description.php?artId=12264>

<https://medwinpublishers.com/EOIJ/primordial-dynamic-space-and-quantum-personal-ergonomics.pdf>

Volume 8, Issue 1: 000319 (3 pp) (2024)

DOI: 10.23880/eoij-16000319

(I.F.: **1.9568**)

- P. Di Sia

“The Importance of Educating to Think: Teaching Methodologies and Aids from Cooperative Learning and Problem-Based Learning, with Emphasis on Sciences Education”

World Scientific News (EISSN: 2392-2192) - <https://worldscientificnews.com/>

Vol. 192, pp. 101-120 (2024)

Compact CV - Paolo Di Sia (2024-03-27)

Abstracting and Indexing: <https://worldscientificnews.com/abstracting-indexing/>
<https://worldscientificnews.com/the-importance-of-educating-to-think-teaching-methodologies-and-aids-from-cooperative-learning-and-problem-based-learning-focusing-on-sciences-education/>

- **P. Di Sia**

“Looking at the Impact of Digital Revolution in School Education: Considerations and Insights”

Presented at 8th International Academic Conference **“E-Methodology”**, April 21, 2023, Wroclaw (Poland)

ORGANIZERS: Wroclaw Medical University (<https://en.umw.edu.pl>)

&

International Academic Journal *E-methodology* (PSP - Pro Scientia Publica)

(ISSN: 2353-5881; e-ISSN: 2392-0688)

Vol. 9, N. 9, pp. 9-23

Published: 2023-11-30

<https://doi.org/10.15503/emet.2022.9.23>

<https://e-methodology.eu/index.php/e-methodology/article/view/1484>

(2017 ICV: **100.00**)

- **G. F. R. Ellis, P. Di Sia**

“Complexity Theory in Biology and Technology: Broken Symmetries and Emergence”

Symmetry (MDPI) (ISSN 2073-8994), 15, 1945 (2023-10-20)

<https://doi.org/10.3390/sym15101945>

(I.F.: **2.7**) (Citescore: **4.9**)

- **P. Di Sia**

“Commentary: Physical Time Within Human Time”

Timing & Time Perception

(Online ISSN: 2213-4468 - Print Only ISSN: 2213-445X)

<https://www.scopus.com/sourceid/21100469452>

Indexing and Abstracting:

https://brill.com/view/journals/time/time-overview.xml?tab_body=container-135910-item-135916&contents=editorialcontent-67218

Advance Article, Vol. 1 (aop), pp. 1-6 - DOI: 10.1163/22134468-bja10092

(2023-10-11)

<https://brill.com/view/journals/time/aop/issue.xml>

<https://brill.com/view/journals/time/aop/article-10.1163-22134468-bja10092/article-10.1163-22134468-bja10092.xml>

- **P. Di Sia**

“Symmetry and the Nanoscale: Advances in Analytical Modeling in the Perspective of Holistic Unification”

Special Issue: “Symmetry and the Nanoscale: Matter and Mind - Mathematical Modeling and Phenomenology” (Section “Physics and Symmetry/Asymmetry”)

https://www.mdpi.com/journal/symmetry/special_issues/Symmetry_Nanoscale_Matter_Mind

Symmetry (MDPI) (ISSN 2073-8994), 15(8), 1611 (2023)

<https://doi.org/10.3390/sym15081611>

<https://www.mdpi.com/2073-8994/15/8/1611>

(I.F.: **2.7**) (Citescore: **4.9**)

Compact CV - Paolo Di Sia (2024-03-27)

- P. Di Sia

“The Primordial Dynamic Space (Introduction 1)”

Preprint DOI: 10.31219/osf.io/qd4fb

<https://osf.io/qd4fb/>

(Aug 23, 2022)

- P. Di Sia

“Analytical modelling for sensitivity improvement of nano-bio-devices”

INTERNATIONAL JOURNAL OF SCIENTIFIC RESEARCH AND MODERN EDUCATION (IJSRME)

International Refereed Research Journal

ISO: 9001-2015 Certified Journal

ISSN: 2455 - 5630 - <http://ijsrme.rdmodernresearch.com/>

Volume 7, Issue 1, pp. 4-10 (2022)

<http://ijsrme.rdmodernresearch.com/article-issues/?cid=23>

DOI: <https://doi.org/10.5281/zenodo.5949062>

UOI License: <http://u-o-i.org/1.01/09052014-IJSRME-/69853214>

(I.F.: **7.137**)

Indexed: <http://ijsrme.rdmodernresearch.com/indexing/>

- P. Di Sia, N. K. Bhadra

“About Consciousness, Subtle Energies and Unification”

Ergonomics International Journal (EOIJ), ISSN: 2577-2953

<https://medwinpublishers.com/EOIJ/>

<https://medwinpublishers.com/EOIJ/about-consciousness-subtle-energies-and-unification.pdf>

Volume 5, Issue 6: 000279 (4 pp) (2021)

DOI: 10.23880/eoij-16000279

(I.F.: **1.9568**)

Indexed in & Member: <https://medwinpublishers.com/EOIJ/>

- P. Di Sia

New Results on Diffusion in Graphene Nanostructures for Sensoristics

Nano Hybrids and Composites (ISSN: 2297-3400)

Trans Tech Publications Ltd, Switzerland

Vol. 33, pp. 61-72 (2021)

<https://doi.org/10.4028/www.scientific.net/NHC.33.61>

<https://www.scientific.net/NHC/Details>

- P. Di Sia

Interdisciplinary insights about the concept of time

INTERNATIONAL JOURNAL OF SCIENTIFIC RESEARCH AND MODERN EDUCATION (IJSRME)

ISSN: 2455 - 5630 - <http://ijsrme.rdmodernresearch.com/>

Vol. 6, Issue 1, pp. 14-16 (2021)

<http://ijsrme.rdmodernresearch.com/article-issues/?cid=20>

DOI: <http://doi.org/10.5281/zenodo.4727049>

UOI License: <http://u-o-i.org/1.01/09052014-IJSRME-/69555529>

(I.F.: **7.137**)

Indexed: <http://ijsrme.rdmodernresearch.com/indexing/>

- P. Di Sia

ON ADVANCES OF CONTEMPORARY PHYSICS ABOUT TOTALITY

International Journal of Multidisciplinary Research and Modern Education (IJMRME)

ISSN (Online): 2454 - 6119 - <http://rdmodernresearch.org/>

Vol. 7, Issue 1, pp. 8-12 (2021)

<http://rdmodernresearch.org/index.php/article-issues/?cid=24>

DOI: <http://doi.org/10.5281/zenodo.4642485>

UOI License: <http://u-o-i.org/1.01/19121985-IJMRME-/36998524>

(I.F.: **7.315**)

Indexed: <http://rdmodernresearch.org/index.php/indexing/>

- P. Di Sia

ON THE CONCEPT OF TIME IN EVERYDAY LIFE AND BETWEEN PHYSICS AND MATHEMATICS

Ergonomics International Journal (EOIJ), ISSN: 2577-2953

<https://medwinpublishers.com/EOIJ/>

<https://medwinpublishers.com/EOIJ/on-the-concept-of-time-in-everyday-life-and-between-physics-and-mathematics.pdf>

Vol. 5, Issue 2, 000268 (8 pp) (2021)

DOI: 10.23880/eoij-16000268

(I.F.: **1.9568**)

Indexed in & Member: <https://medwinpublishers.com/EOIJ/>

- P. Di Sia

A new unified theory based on the “Primordial Dynamic Space” structure

Preprint DOI: 10.31219/osf.io/26s35

<https://osf.io/26s35>

(Jan 2021)

- P. Di Sia

On philosophy of mind, quantum physics and metaphysics of the uni-multiverse

PHILOSOPHICAL NEWS - Official publication of the European Society for Moral Philosophy, ISSN/ISBN: 9788869771170

In: “ON THE OCCASION OF THE 100TH ANNIVERSARY OF G.E.M. ANSCOMBE'S BIRTH” (July 2019), Mimesis International, Milan-London, N. 18, pp. 161-174 (2020).

https://mimesisjournals.com/riviste_filosofia_philosophical_news.php

https://mimesisjournals.com/magazine_item_detail_front_phpnews.php?item_id=268

- P. Di Sia

Looking at the new digital school: didactics 2.0 and school 2.0

International Academic Journal E-methodology (PSP - Pro Scientia Publica)

(ISSN: 2353-5881; e-ISSN: 2392-0688) - N. 6, pp. 9-21 (2020)

<https://doi.org/10.15503/emet2019.9.21>

<https://e-methodology.eu/index.php/e-methodology/article/view/1189>

(2017 ICV: **100.00**)

- P. Di Sia, N. K. Bhadra

Everything in a part: about the creation of universe and consciousness

Ergonomics International Journal (EOIJ), ISSN: 2577-2953

<https://medwinpublishers.com/EOIJ/index.php>

Vol. 4, Issue 1, 000228 (6 pp) (2020)

Compact CV - Paolo Di Sia (2024-03-27)

DOI: 10.23880/eoij-16000228

(I.F.: **1.9568**)

<https://medwinpublishers.com/EOIJ/EOIJ16000228.pdf>

Indexed in & Member: <https://medwinpublishers.com/EOIJ/>

- **P. Di Sia**, N. K. Bhadra

Origin of living matter by a new model of consciousness

World Scientific News, EISSN: 2392-2192 - <https://worldscientificnews.com/>

Vol. 143, pp. 67-78 (2020)

<https://worldscientificnews.com/origin-of-living-matter-by-a-new-model-of-consciousness/>

Abstracting and Indexing: <https://worldscientificnews.com/abstracting-indexing/>

(2018 ICV: **95.55**) (MNiSW 2019: **5** points)

- **P. Di Sia**, N. K. Bhadra

Origin of consciousness and contemporary physics

World Scientific News, EISSN: 2392-2192 - <https://worldscientificnews.com/>

Vol. 140, pp. 127-138 (2020)

<https://worldscientificnews.com/origin-of-consciousness-and-contemporary-physics/>

Abstracting and Indexing: <https://worldscientificnews.com/abstracting-indexing/>

(2018 ICV: **95.55**) (MNiSW 2019: **5** points)

- **P. Di Sia**

A CULTURAL OVERVIEW ON THE CONCEPT OF INFINITY

International academic semi-annual *Journal of Education, Culture and Society*

ISSN: 2081-1640 / DOI: 10.15503/jecs20141-9-19

Vol. 10, N. 1, pp. 17-38 (June 30, 2019)

<https://doi.org/10.15503/jecs20191.17.38>

<https://jecs.pl/index.php/jecs/article/view/555>

(2015 ICV: **92.11**)

- **P. Di Sia**, N. K. Bhadra

MIND AND CONSCIOUSNESS AS CREATED BY ELECTROMAGNETIC FORCE

International Journal of Applied and Advanced Scientific Research (IJAASR)

(ISSN (Online): 2456 - 3080) - <http://www.dvpublication.com/>, Vol. 4, Issue 1, pp. 1-6 (2019)

DOI: <http://doi.org/10.5281/zenodo.2573101>

UOI License: <http://u-o-i.org/1.01/IJAASR/31278554>

(I.F.: **5.655**)

- **P. Di Sia**

A SOLUTION TO THE 80 YEARS OLD PROBLEM OF THE NUCLEAR FORCE

International Journal of Applied and Advanced Scientific Research (IJAASR)

(ISSN (Online): 2456 - 3080) - <http://www.dvpublication.com/>, Vol. 3, Issue 2, pp. 34-37 (2018)

DOI: <http://doi.org/10.5281/zenodo.1472981>

UOI License: <http://u-o-i.org/1.01/IJAASR/40876183>

(I.F.: **5.655**)

- **P. Di Sia**

Quantum-Relativistic Velocities in Nano-Transport

Applied Surface Science (ISSN: 0169-4332)

N. 446, pp. 187-190 (2018)

<https://doi.org/10.1016/j.apsusc.2018.01.273>

(2019 I.F.: **6.182**)

- P. Di Sia

Mindfulness, Consciousness and Quantum Physics

World Scientific News, EISSN: 2392-2192 - <https://worldscientificnews.com/>

N. 96, pp. 25-34 (2018)

<https://worldscientificnews.com/mindfulness-consciousness-and-quantum-physics/>

Abstracting and Indexing: <https://worldscientificnews.com/abstracting-indexing/>

(2017 ICV: **83.79**) (MNiSW 2017: **6 pkt**)

- P. Di Sia

Looking at the Quantum Internet

International Academic Journal *E-methodology* (PSP - Pro Scientia Publica)

(ISSN: 2353-5881; e-ISSN: 2392-0688), Issue 4, pp. 31-35 (2018)

doi: 10.15503/emet2017.31.35

<https://e-methodology.eu/index.php/e-methodology/article/view/10.15503emet2017.31.35>

(2017 ICV: **100.00**)

- P. Di Sia

Quantum Physics, Metaphysics, Theism: Interpretations, Ontologies, Theological Remarks

World Scientific News, EISSN: 2392-2192 - <https://worldscientificnews.com/>

Vol. 74, pp. 106-120 (2017)

<https://worldscientificnews.com/quantum-physics-metaphysics-theism-interpretations-ontologies-theological-remarks/>

Abstracting and Indexing: <https://worldscientificnews.com/abstracting-indexing/>

(2017 ICV: **83.79**) (MNiSW 2017: **6 pkt**)

- P. Di Sia

"Nanotechnologies among Innovation, Health and Risks"

Procedia - Social and Behavioral Sciences Journal (Elsevier) (ISSN: 1877-0428), Vol. 237, pp. 1076-1080 (Feb 2017)

<https://doi.org/10.1016/j.sbspro.2017.02.158>

(Indexed: Scopus, Eric)

- P. Di Sia

"Learning mathematics through games in primary school: an applicative path"

International Academic Journal *Edutainment* (published both in print and on-line – open access) (ISSN: 2543-6384)

Vol. 1, N. 1, pp. 127-133 (2016)

<https://www.e-methodology.eu/index.php/EDUT/article/view/10.15503.edut.2016.1.127.133>

- P. Di Sia

"Internet and new educational perspectives"

International Academic Journal *E-methodology* (PSP - Pro Scientia Publica)

(ISSN: 2353-5881; e-ISSN: 2392-0688), Issue 2016 (3), pp. 18-24 (2017)

doi: 10.15503/emet2016.18.24

<https://e-methodology.eu/index.php/e-methodology/article/view/10.15503.emet2016.18.24>

(2017 ICV: **100.00**)

- P. Di Sia

Interpretations of the Concept of Probability: an Introduction

TOJET (The Online Journal of Educational Technology) (ISSN: 2146-7242)

pp. 1259-1263 (Nov 2016)

http://www.tojet.net/special/2016_11_1.pdf

(Indexed: Education Resources Information Center - ERIC - SCOPUS - ELSEVIER)

- P. Di Sia

Geometric coupling of vector multiplets with $D=4$, $N=1$ supergravity

International Journal of Innovative Science, Engineering and Technology (IJSET)

(ISSN: 2348-7968), Vol. 3, Issue 8, pp. 61-66 (2016)

https://ijiset.com/vol3/v3s8/IJSET_V3_I8_10.pdf

(2015 I.F.: **4.332**)

- P. Di Sia

A Historical-Teaching Introduction to Algebra

International Letters of Social and Humanistic Sciences (ILSHS) (ISSN: 2300-2697)

Vol. 66, pp. 154-161 (2016)

<https://www.learntechlib.org/p/176471/>

(2014 ICV: **76.07**)

- P. Di Sia

Advances in Analytical Modelling for (Nano)medicine

International Journal of Innovative Science, Engineering and Technology (IJSET)

(ISSN: 2348-7968), Vol. 3, Issue 5, pp. 511-515 (2016)

https://ijiset.com/vol3/v3s5/IJSET_V3_I5_72.pdf

(2015 I.F.: **4.332**)

- P. Di Sia

Nano-Modelling and Computation in Bio and Brain Dynamics

Bioengineering (MDPI), 3, 11 (7 pp.) (ISSN 2306-5354; CODEN: BIOEBG) (2016)

doi:10.3390/bioengineering3020011

<https://doi.org/10.3390/bioengineering3020011>

<https://www.mdpi.com/2306-5354/3/2/11>

Indexing:

<https://www.mdpi.com/journal/bioengineering/indexing>

(I.F.: **4.6**) (Citescore: **4.2**)

- P. Di Sia

Geometric coupling of scalar multiplets to $D=4$, $N=1$ pure supergravity

International Research Journal of Engineering and Technology (IRJET)

(e-ISSN: 2395-0056, p-ISSN: 2395-0072), Vol. 2, Issue 9, pp. 78-84 (2015)

<https://www.irjet.net/archives/V2/i9/IRJET-V2I914.pdf>

(2016 I.F.: **5.181**)

- P. Di Sia

Geometric construction of $D=4$, $N=1$ pure supergravity

International Research Journal of Engineering and Technology (IRJET)

(e-ISSN: 2395-0056, p-ISSN: 2395-0072), Vol. 2, Issue 4, pp. 16-20 (2015)

<https://www.irjet.net/archives/V2/i4/IRJET-V2I404.pdf>

(2016 I.F.: **5.181**)

- P. Di Sia

Advances in Analytical Modeling for Nano-Bio-Technology

Journal of Nanoscience with Advanced Technology (JNAT)

(ISSN: 2059-5026), Vol. 1, Issue 1, pp. 1-3 (2015)

<http://verizonaonlinepublishing.com/NANOPDF/JournalofNanosciencewithAdvancedTechnology4.pdf>

(Indexed: Google Scholar, Crossref, J-Gate, ResearchBib)

- P. Di Sia

About the concept of particle: an introduction

International Research Journal of Engineering and Technology (IRJET)

(e-ISSN: 2395-0056, p-ISSN: 2395-0072), Vol. 2, Issue 5, pp. 703-706 (2015)

<https://www.irjet.net/archives/V2/i5/IRJET-V2I5119.pdf>

(2016 I.F.: 5.181)

- P. Di Sia

Present and Future of Nano-Bio-Technology: Innovation, Evolution of Science, Social Impact

TOJET (The Online Journal of Educational Technology) (ISSN: 2146-7242)

Special Issue 2 for INTE 2015, July 2015, pp. 442-449

http://www.tojet.net/special/2015_7_2.pdf

(Indexed: SCOPUS, ERIC, EBSCO ONLINE, and EBSCO CD ROM Database, DOAJ and AERA SEG)

- P. Di Sia

About the importance of supersymmetry and superspace for supergravity

International Journal of Innovative Science, Engineering and Technology (IJSET)

(ISSN: 2348-7968), Vol. 2, Issue 4, pp. 495-500 (2015)

https://ijset.com/vol2/v2s4/IJSET_V2_I4_70.pdf

(2015 I.F.: 4.332)

- P. Di Sia

Kähler manifolds as target space of supergravity theories: characteristics for $D=4$, $N=1$ theory

International Journal of Current Research (ISSN: 0975-833X)

Vol. 7, Issue 1, pp. 11971-11980 (2015)

<http://www.journalcra.com/article/k%C3%A4hler-manifolds-target-space-supergravity-theories-characteristics-d4-n1-theory>

(2015 I.F.: 6.226)

- P. Di Sia

Approaching youngs to unified theories: the charm of string theories

Procedia - Social and Behavioral Sciences Journal (Elsevier)

(ISSN: 1877-0428), N. 174C, pp. 10-16 (2015)

<https://doi.org/10.1016/j.sbspro.2015.01.619>

<https://www.sciencedirect.com/science/article/pii/S1877042815006709>

(Indexed: Scopus, Eric)

- P. Di Sia

Looking at the Dimension of Time among Science, Psychology and Everyday Reality

International Letters of Social and Humanistic Sciences (ILSHS)

(ISSN: 2300-2697), Vol. 42, pp. 146-153 (2014)

<https://www.learntechlib.org/p/176853/>

(2014 ICV: 76.07)

- P. Di Sia

Analytical Nano-Modelling for Neuroscience and Cognitive Science

Journal of Bioinformatics and Intelligent Control (ISSN: 2326-7496; E-ISSN: 2326-750X)

Vol. 3, N. 4, pp. 268-272 (2014) - doi:10.1166/jbic.2014.1097

<https://doi.org/10.1166/jbic.2014.1097>

<https://www.ingentaconnect.com/contentone/asp/jbic/2014/00000003/00000004/art00004?jsessionid=kgyzy7wfipp.victoria>

http://www.aspbs.com/jbic/jbic_contents2014.htm#v3n4

- P. Di Sia

Relativistic nano-transport and artificial neural networks: details by a new analytical model

International Journal of Artificial Intelligence and Mechatronics (IJAIM)

(ISSN: 2320-5121), Vol. 3, Issue 3, pp. 96-100 (2014)

(2014 ICV: **77.34**)

<https://www.ijaim.org/vol-issues.html?view=publication&task=show&id=95>

- P. Di Sia

Present and Future of Nanotechnologies: Peculiarities, Phenomenology, Theoretical Modelling, Perspectives

Reviews in Theoretical Science, American Scientific Publishers

ISSN: 2327-1515 (print) - 2327-1523 (online), Vol. 2(2), pp. 146-180 (2014)

<https://doi.org/10.1166/rits.2014.1019>

- P. Di Sia

Overview of Drude-Lorentz type models and their applications

Nanoscale Systems: Mathematical Modeling, Theory and Applications

ISSN: 2299-3290, N. 3, pp. 1-13 (2014)

<https://eudml.org/doc/267041>

<https://www.semanticscholar.org/paper/Overview-of-Drude-Lorentz-type-models-and-their-Sia/795ed2d4e08ca90b698b2e5eaecbdc11912b6dad>

(**Indexed:** Celdes, CNPIEC, EBSCO Discovery Service, Google Scholar, Inspec, J-Gate, Naviga (Softweco), Primo Central (ExLibris), ProQuest (relevant databases), ReadCube, Summon (Serials Solutions/ProQuest), TDOne (TDNet), Ulrich's Periodicals Directory/ulrichsweb, WorldCat (OCLC), Zentralblatt Math)

- P. Di Sia

About the peculiar Aspects of Relativity and beyond: a pedagogical Perspective

American Journal of Educational Research

(ISSN (Print): 2327-6126; ISSN (Online): 2327-6150) - doi: 10.12691/education-2-6-4

Vol. 2, n. 6, pp. 357-360 (2014)

(2013 I.F.: **1.2033**)

<http://pubs.sciepub.com/education/2/6/4/index.html>

- P. Di Sia

A New Analytical Model for the Analysis of Economic Processes

Theoretical Economics Letters

ISSN Online: 2162-2086 - ISSN Print: 2162-2078, doi: 10.4236/tel.2013.34041

Vol.3, N.4, pp. 245-250 (2013)

(I.F.: **0.82**)

<https://www.scirp.org/journal/paperinformation.aspx?paperid=34932>

- P. Di Sia

“Exciting Peculiarities of the Extreme Physics”

Journal of Physics: Conference Series, Online ISSN: 1742-6596 - Print ISSN: 1742-6588, Vol. 442, p. 012068 (6 pp.) (2013) - DOI: 10.1088/1742-6596/442/1/012068

<https://iopscience.iop.org/issue/1742-6596/442/1>

<https://iopscience.iop.org/article/10.1088/1742-6596/442/1/012068>

<https://iopscience.iop.org/article/10.1088/1742-6596/442/1/012068/pdf>

(I.F.: **1.766**)

- P. Di Sia

About the Influence of Temperature in Single-Walled Carbon Nanotubes: Details from a new Drude-Lorentz-like Model

Applied Surface Science, ISSN: 0169-4332

N. 275, pp. 384-388 (2013)

<https://doi.org/10.1016/j.apsusc.2012.10.132>

(2019 I.F.: **6.182**)

- P. Di Sia

Nature and Development of Econophysics: a short Report

Theoretical Economics Letters

ISSN Online: 2162-2086 - ISSN Print: 2162-2078, doi: 10.4236/tel.2012.22032

N. 2, pp. 183-185 (2012)

<https://www.scirp.org/journal/paperinformation.aspx?paperid=19293>

(I.F.: **0.82**)

- P. Di Sia

An Analytical Transport Model for Nanomaterials: The Quantum Version

Journal of Computational and Theoretical Nanoscience

ISSN: 1546-1955 (Print) - EISSN: 1546-1963 (Online)

Vol. 9(1), pp. 31-34 (2012)

<https://doi.org/10.1166/jctn.2012.1992>

(2014 I.F.: **1.032**)

- P. Di Sia

“Extreme Physics and Informational/Computational Limits”

Journal of Physics: Conference Series, Online ISSN: 1742-6596 - Print ISSN: 1742-6588

N. 306, p. 012067 (8 pp.) (2011) - DOI: 10.1088/1742-6596/306/1/012067

<https://iopscience.iop.org/article/10.1088/1742-6596/306/1/012067>

(I.F.: **1.766**)

- P. Di Sia

An Analytical Transport Model for Nanomaterials

Journal of Computational and Theoretical Nanoscience

ISSN: 1546-1955 (Print) - EISSN: 1546-1963 (Online)

Vol. 8, pp. 84-89 (2011)

<https://doi.org/10.1166/jctn.2011.1663>

(2014 I.F.: **1.032**)

Inner Academic Publications

24) P. Di Sia

“Physik I” (in Italian/German language)

Free University of Bozen-Bolzano (Italy) (A. Y. 2019-2020)

23) P. Di Sia

“Informatica, attività seminariali”

Department of Neuroscience, University of Padova (Italy) (A. Y. 2019-2020)

Compact CV - Paolo Di Sia (2024-03-27)

22) P. Di Sia

“Elementi di Fisica per l’Università” (extended version)

“La Tecnica Service”, Via Paolotti 5/A, 35121 Padova (Italy) (Sept 2019)

21) P. Di Sia

“Physik: Mechanik und Thermodynamik” (in German language)

Free University of Bozen-Bolzano (Italy) (A. Y. 2018-2019)

20) P. Di Sia

“Elementi di Fisica per l’Università”

University of Padova (Italy) (A. Y. 2018-2019)

11-19) P. Di Sia

a) **“Introduzione all’Informatica”**

b) **“Sistema operativo (SO) e interfaccia grafica con l’utente (GUI)”**

c) **“Web 2.0”**

d) **“Introduzione a Microsoft Word”**

e) **“Introduzione a Powerpoint”**

f) **“Introduzione a Excel”**

g, h) **“Introduzione a PubMed”** (1) and (2)

i) **“SPID e CCE”**

Department of Neuroscience, University of Padova (Italy) (A. Y. 2017-2018)

9-10) P. Di Sia

a) **“Lezioni di Fisica 2”**

b) **“Esercizi di Fisica 2”**

School of Engineering, University of Padova (Italy) (A. Y. 2017-2018)

8) P. Di Sia

“Tra scienza, filosofia e religione: la fisica moderna incontra la fede”

Higher Institute of Religious Science (Bolzano (Italy)) (A. Y. 2015-2016)

5-7) P. Di Sia

“Formazione specialistica dell’insegnante e preparazione della tesi - matematico / scientifica”

Free University of Bolzano-Bozen, Faculty of Education (2012-2013)

(3 parts)

a) *Part I: Preparazione della tesi* (November 2012)

b) *Part II: Il focus group* (January 2013)

c) *Part III: Il cooperative learning* (January 2013)

4) P. Di Sia

“Appunti di Didattica della Matematica II (laboratorio)”, Free University of Bolzano-Bozen, Faculty of Education (2012)

3) P. Di Sia

“Nozioni di Statistica e Probabilità”, course “Data and Predictions” (2008) - <http://www.giorgivr.it/>

2) P. Di Sia

“Note di Analisi Matematica 2“, CUSL - Il Sentiero, Verona (2004) - <http://www.cuslvr.it/>

1) P. Di Sia

“Esercizi di Fisica 2“, CUSL - Il Sentiero, Verona (2000) - <http://www.cuslvr.it/>

Books and Monographs (and projects)

18) P. Di Sia

THE “PRIMORDIAL DYNAMIC SPACE”

Publisher: Independent Publishing Platform

(in preparation) (2024)

17) P. Di Sia

“BASI CONCETTUALI DI MATEMATICA - ANALISI TRE” - Analisi complessa

(“CONCEPTUAL BASES OF MATHEMATICS - ANALYSIS THREE” - Complex analysis)

Publisher: Independently published Platform

(in preparation) (2024)

16) P. Di Sia

“BASI CONCETTUALI DI MATEMATICA - ANALISI DUE” - Funzioni di più variabili

(“CONCEPTUAL BASES OF MATHEMATICS - ANALYSIS TWO” - Functions of several variables)

Publisher: Independently published Platform

(in preparation) (2024)

15) P. Di Sia

“ELEMENTI DI BASE DI INFORMATICA - Teoria ed Applicazioni”

(“BASIC ELEMENTS OF COMPUTER SCIENCE - Theory and Applications”)

Publisher: Independently published Platform

(in preparation) (2024)

14) P. Di Sia

“BASI CONCETTUALI DI PROBABILITÀ E STATISTICA - Teoria ed Esercizi”

(“CONCEPTUAL BASES OF PROBABILITY AND STATISTICS - Theory and Exercises”)

Publisher: Independently published

ISBN-13: 979-8694416849

Format: Kindle Edition & Large Print

(October 2020)

https://www.amazon.com/BASI-CONCETTUALI-PROBABILIT%C3%81-STATISTICA-Esercizi-ebook/dp/B08KSBDBV7/ref=sr_1_1?dchild=1&keywords=paolo+di+sia+matematica&qid=1602510178&sr=8-1

https://www.amazon.com/BASI-CONCETTUALI-PROBABILIT%C3%81-STATISTICA-Esercizi/dp/B08KLT2JR3/ref=tmm_pap_title_0?encoding=UTF8&qid=1602510178&sr=8-1

13) P. Di Sia

“BASI CONCETTUALI DI MATEMATICA - ANALISI ZERO”

(“CONCEPTUAL BASES OF MATHEMATICS - ANALYSIS ZERO”)

Publisher: Independently published

ISBN-13: 979-8682441495

Format: Kindle Edition & Large Print

Compact CV - Paolo Di Sia (2024-03-27)

(September 2020)

https://www.amazon.com/dp/B08HGZW4QL?ref=pe_3052080_397514860

https://www.amazon.com/BASI-CONCETTUALI-MATEMATICA-ANALISI-Italian-ebook/dp/B08HDD9LFF/ref=sr_1_1?dchild=1&qid=1599261168&refinements=p_27%3APAOLO+DI+SIA&s=books&sr=1-1&text=PAOLO+DI+SIA

12) P. Di Sia

“BASI CONCETTUALI DI MATEMATICA - ANALISI UNO”

(“CONCEPTUAL BASES OF MATHEMATICS - ANALYSIS ONE”)

Publisher: Independently published

ISBN-13: 979-8684347948

Format: Kindle Edition & Large Print

(September 2020)

https://www.amazon.it/BASI-CONCETTUALI-MATEMATICA-ANALISI-UNO-ebook/dp/B08HQM924P/ref=sr_1_8?_mk_it_IT=%C3%85M%C3%85%C5%BD%C3%95%C3%91&dchild=1&keywords=paolo+di+sia&qid=1599829974&sr=8-8

https://www.amazon.it/BASI-CONCETTUALI-MATEMATICA-ANALISI-UNO/dp/B08HRZJ4BN/ref=tmm_pap_title_0?encoding=UTF8&qid=1599829974&sr=8-8

11) P. Di Sia

“ELEMENTI DI FISICA - MECCANICA”

(“ELEMENTS OF PHYSICS - MECHANICS”)

Publisher: Independently published

ISBN-13: 979-8686985414

Format: Kindle Edition & Large Print

(September 2020)

https://www.amazon.it/Elementi-Fisica-Meccanica-PAOLO-SIA/dp/B08JDTMLWQ/ref=tmm_pap_title_0?encoding=UTF8&qid=1600467688&sr=8-2

https://www.amazon.it/Elementi-Fisica-Meccanica-PAOLO-SIA-ebook/dp/B08J841BCW/ref=sr_1_2?_mk_it_IT=%C3%85M%C3%85%C5%BD%C3%95%C3%91&dchild=1&keywords=paolo+di+sia&qid=1600467688&sr=8-2

10) P. Di Sia

“Fine-Tuning, Universo, Multiverso - tra Scienza, Filosofia e Teismo”

(“Fine-Tuning, Universe, Multiverse - between Science, Philosophy and Theism”)

Aracne Editrice, via Raffaele Garofalo 133/A-B – 00173 Roma (Italy) (2019)

ISBN 978-88-255-2943-2, formato 17 x 24 cm, 136 pp.

<http://www.aracneeditrice.it/index.php/pubblicazione.html?item=9788825529432>

9) P. Di Sia

“Mathematics and Physics for Nanotechnology”

“Technical Tools and Modelling”

Pan Stanford Publishing (<http://www.panstanford.com/>)

ISBN 9789814800020 - CAT# K409819

(230 Pages) (February 04, 2019)

<https://www.crcpress.com/Mathematics-and-Physics-for-Nanotechnology-Technical-Tools-and-Modelling/Sia/p/book/9789814800020>

8) P. Di Sia

“FISICA MODERNA, COSCIENZA, MULTIVERSO, AZIONE DIVINA”

Problemi, dubbi, convergenze

(“MODERN PHYSICS, CONSCIOUSNESS, MULTIVERSE, DIVINE ACTION”)

Problems, doubts, convergences)

Publisher: Stamen (<https://www.edizionistamen.net/>)

Series: The Human and the Divine

Edition year: 2018

On sale from: December 22, 2018

Pages: 206 pp., Ill. , Paperback

ISBN: 9788831928304

<https://www.ibs.it/fisica-moderna-coscienza-multiverso-azione-libro-paolo-di-sia/e/9788831928304?inventoryId=132142751>

Compact CV - Paolo Di Sia (2024-03-27)

7) P. Di Sia

" $D = 4, N = 1$ supergravity in superspace: general overview and technical analysis"

World Scientific News (<http://www.worldscientificnews.com/>), EISSN 2392-2192

WSN 94(1), pp. 1-71 (2018)

<http://www.worldscientificnews.com/wp-content/uploads/2017/12/WSN-941-2018-1-71.pdf>

Abstracting and Indexing: <http://www.worldscientificnews.com/abstracting-and-indexing/>

(2018 ICV: 95.55) (MNiSW 2019: 5 points)

6) P. Di Sia

"Supergravit  nel superspazio: panoramica generale e analisi tecnica"

("Supergravity in Superspace: General Overview and Technical Analysis")

Aracne Editrice, via Raffaele Garofalo 133/A-B – 00173 Roma (Italy) (2014)

ISBN 978-88-548-7875-4, formato 17 x 24 cm, 152 pp.

<http://www.aracneeditrice.it/aracneweb/index.php/pubblicazione.html?item=9788854878754>

5) P. Di Sia

"Nano-bio-tecnologie: stato dell'arte, modellistica matematica, prospettive"

("Nano-bio-technologies: state of the art, mathematical modeling, perspectives")

Aracne Editrice, via Raffaele Garofalo 133/A-B – 00173 Roma (Italy) (2014)

ISBN 978-88-548-7254-7, 17 x 24 cm, 164 pp.

<http://www.aracneeditrice.it/aracneweb/index.php/pubblicazione.html?item=9788854872547>

4) P. Di Sia

"Fondamenti di Matematica e Didattica II"

("Fundamentals of Mathematics and Didactics II")

Aracne Editrice, via Raffaele Garofalo 133/A-B – 00173 Roma (Italy) (2014)

ISBN 978-88-548-7108-3, 17 x 24 cm, 344 pp.

<http://www.aracneeditrice.it/aracneweb/index.php/autori.html?auth-id=275570>

3) P. Di Sia

"Elementi di Didattica della Matematica I - Laboratorio"

("Elements of Mathematics Education I - Laboratory")

Aracne Editrice, via Raffaele Garofalo 133/A-B – 00173 Roma (Italy) (2013)

ISBN 978-88-548-6040-7, 17 x 24 cm, 108 pp.

<http://www.aracneeditrice.it/aracneweb/index.php/index.php/autori.html?auth-id=275570>

2) P. Di Sia

"Fondamenti di Matematica e Didattica I"

("Fundamentals of Mathematics and Didactics I")

Aracne Editrice, via Raffaele Garofalo 133/A-B – 00173 Roma (Italy) (2013)

ISBN 978-88-548-5889-3, 17 x 24 cm, 214 pp.

<http://www.aracneeditrice.it/aracneweb/index.php/index.php/autori.html?auth-id=275570>

1) P. Di Sia

"Appunti di Analisi Matematica 2"

("Notes on Mathematical Analysis 2")

CUSL - Il Sentiero (<http://www.cuslvr.it/>), Verona (Italy), (92 pp.) (2005)

Books Reviewer

3) **Revision** of the International Book: “**Location-based games as a contemporary, original, and innovative method of seniors’ teaching and learning - Manual**” (507 pp)

(Project co-funded by the Erasmus+ Programme of the European Union)

ISBN 978-83-62618-46-0 --- DOI: 10.34616/22.19.009

Authors: Ewa Jurczyk-Romanowska, Marta Koszczyc, Luba Jakubowska, Aleksandra Marcinkiewicz-Wilk, Jacek Gulanowski, Michal Kabat, Magdalena Svecova, Tijana Milenkovic Jankovic, Paola Barone, Charoula Giannelaki, Irena Zemaitaityte, Agata Katkonienie, Asta Janusieviciute, Valdone Indrasiene

Statistical editor: Piotr Kwiatkowski

Publishing house: Pro Scientia Publica

Date: January 2019

2) **Revision** of the Mathematics Book of J. G. Brida: “**Manual of Precalculus Mathematics**”, University Press, Free University of Bozen-Bolzano (2012)

<http://bupress.unibz.it/en/manual-of-prec calculus-mathematics.html>

1) **Revision** of the Mathematics Book of P.V. Dolci, G.D. Marangoni: “**Laboratorio di Matematica – Teoria e Pratica**”, Ed. CEDAM (ISBN 88-13-25980-8) (379 pp.) (2005)

http://shop.wiki.it/Cedam/Libri/Laboratorio_di_matematica_Teoria_e_pratica_s9630.aspx

International Book Chapters - Contributions on Books

15) **P. Di Sia**

“**Carnot, the birth of thermodynamics and the problem of irreversibility: a historical-epistemological overview**” (invited chapter)

In: “*A History of Thermodynamics: Homage to Sadi Carnot's. Réflexions sur la Puissance motrice du feu 1824-2024. Selected Essays as New Historical Insights into the Physics-Mathematics Relationship*”

Guest Editor: Prof. Dr. Raffaele Pisano (IEMN, Lille University, France)

History of Physics Springer Collection Book series

<https://www.springer.com/series/16664>

<https://carnotlille2024.sciencesconf.org>

Outcome expected: 2024-2025

14) **P. Di Sia**

“**Nanotechnologies among Science, Ethics and Trans humanism**” (invited chapter)

In: “*Nanoscience & Nanotechnologies. Critical Problems, Science in Society, Historical Perspectives*”

Guest Editor: Prof. Dr. Raffaele Pisano (IEMN, Lille University, France)

Springer Book Series: Nanotechnology in the Life Sciences

<https://www.springer.com/series/15921>

Outcome expected: 2024-2025

13) **P. Di Sia**

“**Societal impact of nanomaterials**” (invited chapter)

In: “*Nanotechnology for Environmental Remediation*”, edited by Sabu Thomas (IIUCNN Mahatma Gandhi University), Laly A. Pothen (IIUCNN Mahatma Gandhi University, India), Merin Sara Thomas (Mar Thoma College, India)

Compact CV - Paolo Di Sia (2024-03-27)

John Wiley Publishing House
Chapter 21, pp. 401 - 412 (2022)
<https://www.wiley.com/en-us/Nanotechnology+for+Environmental+Remediation-p-9783527834150>

12) P. Di Sia

“Green composites for construction” (invited chapter)

In: *“Green Sustainable Process for Chemical and Environmental Engineering and Science - Green Composites: Preparation, Properties, and Allied Applications”*, edited by Dr. Inamuddin, Faculty of Science, King Abdulaziz University, Jeddah 21589, Saudi Arabia

Elsevier Publishing

Chapter 22, pp. 545 - 561 (2022)

<https://www.sciencedirect.com/science/article/pii/B978032399643300019X>

<https://www.sciencedirect.com/book/9780323996433/green-sustainable-process-for-chemical-and-environmental-engineering-and-science>

11) P. Di Sia

“Industry 4.0 revolution: Introduction” (invited chapter)

In: Hussain C.M., Di Sia P. (eds) *Handbook of Smart Materials, Technologies, and Devices*. Springer, Cham.

Chapter 1, pp. 1 - 20 (16 Dec 2021)

https://doi.org/10.1007/978-3-030-58675-1_88-1

Springer Nature

<https://meteor.springer.com/smartmaterials>

<https://meteor.springer.com/smartmaterials/?id=1100&tab=About&mode=ReadPage&entity=8548>

<https://meteor.springer.com/project/dashboard.jsf?id=1100&tab=About&mode=ReadPage&entity=8564>

10) P. Di Sia

“On risks and benefits of nanotechnology: the case of medical applications” (invited chapter)

In: *“Handbook of Functionalized Nanomaterials: Environmental Health and Safety”*, edited by Chaudhery Mustansar Hussain and Vineet Kumar

Elsevier Publishing

Chapter 9, pp. 235 - 250 (2021)

<https://www.sciencedirect.com/book/9780128224151/handbook-of-functionalized-nanomaterials>

<https://www.elsevier.com/books/handbook-of-functionalized-nanomaterials/hussain/978-0-12-822415-1>

9) P. Di Sia

“Fourth Industrial Revolution (4IR) and Functionalized MNPs” (invited chapter)

In: *“Analytical Applications of Functionalized Magnetic Nanoparticles”*, edited by Chaudhery Mustansar Hussain, Dept. of Chemistry and EVSC, New Jersey Institute of Technology, 151 D Tiernan, 161 Warren St., Newark, NJ

Elsevier Publishing (Royal Society of Chemistry)

Chapter 19, pp. 489 - 504 (2021)

<https://doi.org/10.1039/9781839162756-00489>

<https://pubs.rsc.org/en/content/ebook/978-1-83916-210-7>

<https://pubs.rsc.org/en/content/chapter/bk9781839162107-00489/978-1-83916-210-7>

8) P. Di Sia

“Agroecosystems and Bioeconomy” (invited chapter)

In: *“Applied Soil Chemistry”*, edited by Inamuddin Inamuddin, Mohd Imran Ahamed, Rajender Boddula, Tariq A. Altalhi

ISBN: 978-1-119-71018-9

Wiley-Scrivener Publishing

Compact CV - Paolo Di Sia (2024-03-27)

Chapter 3, pp. 41-60 (April 2021)

<https://www.wiley.com/en-be/Applied+Soil+Chemistry-p-9781119710189>

7) P. Di Sia

“Nanotechnologies and advanced smart materials: the case of architecture and civil engineering” (invited chapter)

In: *“The ELSI Handbook of Nanotechnology: Risk, Safety, ESI and Commercialization”*, edited by Chaudhery Mustansar Hussain, New Jersey Institute of Technology, Newark, NJ, USA

Online ISBN: 9781119592990, Print ISBN: 9781119591603

Published Online: 19 March 2020, Published Print: 04 March 2020

Wiley-Scrivener Publisher

Chapter 4, pp. 67-87 (2020)

<https://doi.org/10.1002/9781119592990.ch4>

<https://onlinelibrary.wiley.com/doi/abs/10.1002/9781119592990.ch4>

6) P. Di Sia

“Agri-food sector, biological systems and nanomaterials” (invited chapter)

In: *“Food Applications of Nanotechnology”* (1st Edition), edited by Gustavo Molina, Inamuddin, Franciele Maria Pelissari, Abdullah Mohamed Asiri

Published: September 11, 2019

Reference - 546 Pages - 118 B/W Illustrations

ISBN 9780815383819 - CAT# K336493

CRC Press

Chapter 2, pp. 19-46 (2019)

<https://www.crcpress.com/Food-Applications-of-Nanotechnology/Molina-namuddin-Pelissari-Asiri/p/book/9780815383819>

5) P. Di Sia

“On Quantum Physics, Metaphysics and Theism”

In: *“Relations. Ontology and Philosophy of Religion”*

300 pp. (April 10, 2018)

ISBN-10: 8869771261 - ISBN-13: 978-8869771262

Publisher: Mimesis International

<https://www.amazon.co.uk/Relations-Ontology-Philosophy-Daniele-Bertini/dp/8869771261>

4) P. Di Sia

“An interesting Overview about Diffusion in Graphene”

Vol. 5: *Size-Dependent Properties* - CRC Press, Published April 25, 2016, Reference - 505 Pages - 463 B/W Illustrations, ISBN 9781466591356 - CAT# K20509

In: *“Graphene Science Handbook”*, 6-volume set, edited by Mahmood Aliofkhaezrai, Nasar Ali, William I. Milne, Cengiz S. Ozkan, Stanislaw Mitura, and Juana L. Gervasoni

Published April 26, 2016, Reference - 3379 Pages, ISBN 9781466591189 - CAT# K20500

CRC Press

Chapter 10, pp. 131-143 (April 2016)

<https://www.crcpress.com/Graphene-Science-Handbook-Six-Volume-Set/Aliofkhaezrai-Ali-Milne-Ozkan-Mitura-Gervasoni/p/book/9781466591189>

3) P. Di Sia

“The Nanotechnologies World: Introduction, Applications and Modeling”

Series Title: NANOTECHNOLOGY - **Series ISBN:** 1-62699-000-X - **Volume and Title:** Vol.1: Fundamentals and Applications - **Volume (1) ISBN:** 1-62699-001-8 - **Executive Editor:** Dr. J. N. Govil - **Volume Editors:** Dr. Shishir Sinha and Dr. Naveen K. Navani - **Publisher:** Studium

Press LLC, P.O. Box 722 200, Houston, TX 77072-USA

Compact CV - Paolo Di Sia (2024-03-27)

Volume 1, Chapter 1, pp. 1-20 (2013)

<https://www.amazon.in/Nanotechnology-Vol-1-Fundamentals-Applications/dp/1626990018>

https://www.researchgate.net/publication/286935604_The_Nanotechnologies_World_Introduction_Applications_and_Modeling

<http://www.studiumpress.in/indetail.asp?id=210>

2) P. Di Sia

“Modelling at Nanoscale”

In: **“Plasmonics - Principles and Applications”**, ISBN: 978-953-51-0797-2, edited by Ki Young Kim (more than 2000 downloads (at May 09, 2015))

DOI: 10.5772/50755

Chapter 1, pp. 3-22 (October 2012)

“Plasmonics - Principles and Applications” has been **accepted for indexing** in the **Book Citation Index** in the **Web of Science™ Core Collection (BKCI)**

<https://www.intechopen.com/chapters/40337>

<http://www.intechopen.com/books/plasmonics-principles-and-applications/modelling-at-nanoscale>

1) P. Di Sia, V. Dallacasa, N. D. Cook

“The Magnetic Force Between Nucleons”

In: N. D. Cook: **“Models of the Atomic Nucleus - Unification Through a Lattice of Nucleons”** (2nd Edition) - 340 pp

Springer, Berlin (Germany)

ISBN 978-3-642-14736-4, e-ISBN 978-3-642-14737-1

DOI: 10.1007/978-3-642-14737-1

pp. 217-222 (2010)

https://inis.iaea.org/search/search.aspx?orig_q=RN:42008412

- N. 26 papers on Journal “MatematicaMente” (MATHESES)

(ISSN: 2037-6367) (Years 2000-2008)

<http://www.mathesis.verona.it/matematicamente/storia-di-matematicamente/>

- N. 41 popular science papers

- N. 55 works on “Associazione Italiana del Libro”

(Years 2013-2017)

<http://www.associazioneitalianadellibro.it/>

In faith

Paolo Di Sia

Verona (Italy), March 27, 2024