









THE PHD SCHOOL "COMPUTATIONAL METHODS IN THEORETICAL PHYSICS"

Held ONLINE, September 24 – 27, 2020 Organized by the University of Craiova, Romania

PARTICIPANTS

(Alphabetic by countries):

BULGARIA

1) Tsvetan Ivanov Vetsov: vetsov@phys.uni-sofia.bg

Institution: Faculty of Physics, University of Sofia, Bulgaria Position: Postdoctoral researcher/assistant professor, PhD

Interests: String theory, QFT, gravitation, astrophysics, condensed matter, comput.phys.

Advisor: Radoslav Rashkov

2) Kalin Viliyanov Staykov: kstaykov@phys.uni-sofia.bg

Institution: Faculty of Physics, University of Sofia, Bulgaria Position: Postdoctoral researcher/assistant professor, PhD

Interests: General relativity and modified theories of gravity, compact objects,

Theoretical astrophysics, computational physics.

Advisor: Stoycho Yazadjiev

3) Miroslav Vladimirov Radomirov: radomirov@phys.uni-sofia.bg

Institution: Faculty of Physics, University of Sofia, Bulgaria

Position: PhD student

Interests: String theory, Holography, Gravity

Advisor: Radoslav Rashkov

4) Ivo Nikolaev Iliev: ivo.iliev@phys.uni-sofia.bg

Institution: Faculty of Physics, University of Sofia, Bulgaria

Position: PhD student

Tiyle/Field of PhD: "Exact solutions in Holographic Models",

Advisor: Radoslav Rashkov

5) Zehra Abdrahim: zehra.abdrahim@gmail.com

Institution: Faculty of Physics, University of Sofia, Bulgaria

Position: MA student

Field of interest: theoretical and mathematical physics

Advisor: Kalin Staykov

6) Aleksandrina Kirkova: aleksandrina.atr@gmail.com

Institution: Faculty of Physics, University of Sofia, Bulgaria

Position: MA Student

Title of BSc thesis: "Quantum and dissipative phase transitions in the Dicke model"

Advisor: assoc. prof. Peter Ivanov

Interests: quantum information, quantum field theory

GREECE

7) Lavrentios Kazantzidis: l.kazantzidis@uoi.gr

Institution: University of Ioannina, Greece

Position: PhD Student

Title/Field of PhD: Cosmological Aspects of Modified Theories of Gravity

Supervisor: Leandros Perivolaropoulos (leandros@uoi.gr)

8) George Alestas: g.alestas@uoi.gr

Institution: University of Ioannina, Greece

Position: PhD Student

Title/Field of PhD: Solitons in space-time, gravitational and cosmological properties.

Supervisor: Leandros Perivolaropoulos (leandros@uoi.gr)

9) Konstantinos Violaris-Gountonis: k.violaris@uoi.gr

Institution: University of Ioannina, Greece

Position: PhD student

Title/Field of PhD: Non Supersymmetric Grand Unified Models from String Theory

Supervisor: Ioannis Rizos irizos@uoi.gr

10) Angelos Lykkas: a.lykkas@uoi.gr

Institution: University of Ioannina, Greece

Position: PhD Student

Title/Field of PhD: First-order formulation of gravity and its application to inflation

Supervisor: Kyriakos Tamvakis (tamvakis@uoi.gr)

11) Lampros Trifyllis: l.trifyllis@uoi.gr

Institution: University of Ioannina (Greece).

Position: PhD Student

Title/Field of PhD: The Standard Model as an Effective Field Theory.

Supervisor: Athanasios Dedes.

IRAN

12) Amin Jajarmi: a.jajarmi@gmail.com

Institution: Department of Electrical Engineering, University of Bojnord, Iran.

Position: Assistant Professor, PhD

Title/ Field of PhD: Computational methods for PDEs, Theory of fractional calculus

Recomended by Prof. Dumitru Baleanu

NORTHERN MACEDONIA

13) Redona Bexheti: redonaizairi@hotmail.com

Institution: University "Cyril and Methodius" Skopje, RNM.

Position: PhD student

Title/Field of PhD: "Radiobiology and Hadron Therapy"

Interests: theoretical and mathematical physics, High performance Computing

Supervisor: Prof. Dr. Mimoza Ristova (mima.ristova@gmail.com)

PAKISTAN

14) Sania Quarashi: sania.gureshi@faculty.muet.edu.pk

Institution: Mehran Univ. of Engineering and Technology Jamshoro, Pakistan.

Position: Assistant Professor, PhD

Title/ Field of PhD: Fractional Calculus and Numerical Simulations of ODEs

Supervisor: Prof. Dr. Muhammad Saleem Chandio

Recommended by Prof. Dumitru Baleanu

ROMANIA

15) Aurelia Florian: aureliaflorian@yahoo.com

Institution: University of Craiova, Romania

Status: PhD Student

Title/Field of PhD: Nonlinear Dynamical Systems

Supervisor: Radu Constantinescu

16) Mihai Stoicescu: stoicescu_mihai86@yahoo.com

Institution: University of Craiova, Romania

Status: Research Assistant, PhD

Title/Field of PhD: Nonlinear Dynamical Systems

Supervisor: Radu Constantinescu

17) Alina Streche-Pauna: maria.alina2009@yahoo.com

Institution: University of Craiova, Romania

Position: PhD Student

Title/Field of PhD: Symmetries and conservation laws for nonlinear dynamical systems

Supervisor: Radu Constantinescu
18) Florin Onete: oneteflorin@yahoo.com
Institution: University of Craiova

Position: PhD Student

Title/Field of PhD: Partial Differential Equations

Supervisor: Vicentiu Radulescu

19) Serban Suciu: serbansuciu2@gmail.com

Institution: IFIN HH and University of Bucharest, Romania

Position: PhD Student

Title/Field of PhD: Quantum information

Supervisor: Aurelian Isar

20) George Cristian Ivan: ivancristiangeorge@yahoo.com

Institution: IFIN HH and University of Bucharest, Romania

Position: PhD Student

Title/Field of PhD: Quantum information

Supervisor: Aurelian Isar

21) Tatiana Mihaescu: mihaescu92tatiana@gmail.com

Institution: IFIN HH and University of Bucharest, Romania

Position: PhD Student

Title/Field of PhD: Quantum information

22) Marina Cuzminschi: marina.cuzminschi@gmail.com

Institution: IFIN HH and University of Bucharest, Romania

Position: PhD Student

Title/Field of PhD: Quantum information

Supervisor: Aurelian Isar

23) Alexei Zubarev: alxzubarev@gmail.com

Institution: IFIN HH and University of Bucharest, Romania

Position: PostDoc

Title/Field of PhD: Quantum information

Supervisor: Aurelian Isar

24) Alina Dobre: alina.alexandra274@gmail.com

Institution: IFIN HH and University of Bucharest, Romania

Position: MA Student

Title/Field of PhD: Quantum information

Supervisor: Aurelian Isar

25) Madalin Calamanciuc: calamanciucmihai@gmail.com

Institution: IFIN HH and University of Bucharest, Romania

Position: MA Student

Title/Field of PhD: Quantum information

Supervisor: Aurelian Isar

SERBIA

26) Tijana Radenković: rtijana@ipb.ac.rs

Affiliation: Institute of Physics Belgrade, Serbia

Position: PhD Student

Title/Field of PhD: Higher category theory and quantum gravity Supervisor: Dr. Marko Vojinović, Institute of Physics Belgrade, Serbia

27) Marko Stojanovic marko.stojanovic@pmf.edu.rs

Institution: Faculty of Sciences and Mathematics, University of Nis, Serbia

Status: PhD Student

Title/Field of PhD: Cosmology Supervisor: Goran Djordjevic

SWITZERLAND

28) Fiona Kirk: fiona.kirk@psi.ch

Institution: University of Zurich, Paul Scherrer Institute, Switzerland

Position: PhD Student

Title/ Field of PhD: High energy physics (lepton flavour violation), interest in cosmology

Supervisor: Prof. Andreas Crivellin (andreas.crivellin@psi.ch)

TURKEY

29) Abdullahi Yusuf: ayusuf@biruni.edu.tr

Institution: Dept. of Computer Engineering, Biruni University, Istanbul, Turkey

Status: Assistant Professor, PhD

Title/Field of PhD: Computational Science and Fractional Calculus

Supervisor: Dumitru Baleanu

30) Ozlem Defterli: defterli@cankaya.edu.tr

Institution: Dept of Mathematics, Cankaya University, Ankara-Turkey.

Position: Assistant Professor, PhD

Research Area: computational methods for solving PDEs, fractional calculus.

Title/Field of PhD: Mathematical modelling & dynamics of gene-environment networks

Supervisors: Prof. Gerhard-Wilhelm Weber/Prof. Songul Kaya Merdan

TAIWAN

31) Sreejesh Satheesh Kumar: sreejeshskm@gmail.com

Institution: Chang Gung University, Taiwan (R.O.C.)

Position: Research Assistant

Title/ Field of PhD: Aspirant to PhD

Supervisor: Not the case.