

FINAL ANNOUNCEMENT AND PROGRAMME



Conference Chairs

G. Dinescu, National Institute for Lasers, Plasma and Radiation Physics (INFLPR), Bucharest, Romania

L. Sirghi, “Alexandru Ioan Cuza” University of Iasi (UAIC), Romania

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Scientific Secretariat

S.D. Stoica, INFLPR, Bucharest
C. Costin, UAIC, Iasi

Conference e-mail address: cppa2021@inflpr.ro

Conference website: <https://cppa2021.inflpr.ro>

Joint events:

- 1st Workshop on Plasma Applications for Smart and Sustainable Agriculture under COST Action CA19110 – PIAgri.



CAI9110

COST
European Cooperation in
Science and Technology

Workshop Chair

B. Mitu, National Institute for Lasers, Plasma and Radiation Physics (INFLPR), Bucharest, Romania

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Scientific Secretariat

S.D. Stoica, INFLPR, Bucharest

Workshop website: <https://cppa2021.inflpr.ro/workshop.html>

GENERAL INFORMATION

Conference and Workshop location

The conference will be held in Magurele Campus of Physics, located about 12 km from the center of Bucharest, namely in the Conference Hall of National Institute of Physics and Nuclear Engineering - IFIN HH. The conference format includes both in-person and online participations.

The Conference place is reachable by public transportation. In addition, a special bus was appointed in order to facilitate the transport of the participants from the center of Bucharest to the conference location. Please, find more details in the section Transportation.

Registration

The registration desk is open as follows:

Tuesday, August 31 st	Conference Hall	08:30 – 09:10
Wednesday, 1 st September		08:45 – 09:10
Thursday, 2 nd September		08:30 – 09:00
Friday, 3 rd September		08:45 – 09:10

Accommodation

Attendees are free to choose their accommodation according to their preferences. During previous editions of CPPA we had good experience with the following hotels:

Hotel name and address	Telephone, e-mail and website
Europa Royale Bucharest, 4* 60 Franceza Str., Bucharest	+40 21 3191798 SM.Bucharest@EuropaRoyale.com http://www.europaroyalebucharest.com /
Bucharest Comfort Suites, 4* 16 Nicolae Balcescu Blv., Bucharest	+4 021 3102885 office@comfort-suites.ro http://www.comfort-suites.ro/EN/hotel.html
IBIS Palatul Parlamentului City Centre, 3* 82-84 Izvor Str., Bucharest	+40 21 4011011 H5938-RE@accor.com http://www.ibishotels.ro/
Magurele Hotel, 3* 250A Atomistilor Str., Magurele	+40 21 4575269 rezervari@hotelmagurele.ro http://hotelmagurele.ro/?lang=2

Transportation

a) from airport to Bucharest city (Gara de Nord, Piata Unirii)

- **To Gara de Nord (North Station)**

By train: You can take the direct train from the airport to Bucharest North Railway station (20-25 minutes journey). Trains run 24 hours a day, every 40 minutes. The itinerary (Aeroport Henri Coanda – Bucuresti Nord) and tickets are available on: <https://bilete.cfrcalatori.ro/en-GB/Itineraries> or directly by your bank card in the train. Gara de Nord is direct connected to Piata Unirii by subway (METROREX [M1 line](#))

- **To Piata Unirii**

By bus: Step down from the arrival hall (level 1) to ground floor (level 0). At level 0 go outside the hall and you are just in the buses station. There is a small office selling tickets (on the right hand). Machines for selling tickets are also available. The bus number is 783. Piata Unirii is the last station. On various maps, you can find Piata Unirii 1, or Piata Unirii 2, or Piata Unirii 3 as name for the bus station. Do not be confused, these points are very closed to each other.

b) from Bucharest to Magurele

- **By public transportation**

From Gara de Nord to Magurele

From North Railway Station (bus station “Gara Basarab”) you have to take the 781 Express Bus to Magurele and step down to “Atomistilor 45” station. From here you will reach by foot (5-7 min walk) the conference site, visible behind the IFA tower.

From Piata Unirii to Magurele

Take the tramway 32 from the Piata Unirii and step down to the station “Antiaeriana” (approx. 20 min). Go the station “Soseaua Magurele” and take one of the buses R426/ R427/ R428/ R464 to “Facultatea de Fizica” station. From here you will reach by foot (2 min walk) the conference site, situated behind the IFA tower.

- **By CPPA and Workshop organizers**

The organizers have appointed a bus in order to facilitate the transport of the participants from the centre of Bucharest to the conference location. You will identify the bus easily as it will be properly signalized on the front window with the conference logo and name.

The basic bus schedule is based on a daily morning departure from Bucharest center Piata Unirii to Magurele and return in the Bucharest at evening.

Departure from Bucharest: at 08:00 in the morning.

Meeting point: in front of Europa Royale Hotel on Splaiul Independentei Street. Please, respect the departure time of the bus, due to the intense traffic it can stop only a few minutes in the front of hotel.

Departure from Magurele: at about 18:00, on Tuesday and Thursday, *meeting point* in front of the Conference Hall, and at the lunch time on Wednesday and Friday.

The detailed schedule of the bus will be provided at registration.

Note: tickets for public transportation (tram, trolley, regular bus) should be purchased in advance from dedicated counters or online (STB should be written on them)!

Alternatively, you can download the following apps



Route planning app



Mobile ticketing app

Meals

The restaurant “Sytago”, placed in the proximity of the Conference Hall, has been appointed for serving the lunch on Tuesday, August 31st; Wednesday, September 1st; Thursday, September 2nd and Friday, September 3rd. The meal tickets will be available for purchasing at the Registration desk. The price for a lunch ticket is 30 RON (about 6 EUR). There are also other restaurants available in Magurele.

Social Programme

Bucharest is the capital of Romania, a city with rich history and interesting monuments. There are many possibilities for spending your free time in the old city, such as visiting museums, or having a traditional dish in the local restaurants, etc. The social program includes:

❖ **Welcome reception – Tuesday, August 31st, 19:00-21:00**

The Welcome reception will be organized in Magurele, at Sytago restaurant. All participants and accompanying persons are welcomed to the reception.

❖ **Excursion – Wednesday, September 1st, 15:00 – 19:30**

We are planning to visit the historical *Mogoșoaia Palace* built in Brâncoveanu style and the impressive *Țiriac collection* (<https://www.tiriaccollection.ro>) of old and modern cars and motorcycles in Otopeni.

The bus departure hours are 14:30 from Magurele and 15:00 from Bucharest.

❖ **Conference dinner – Thursday, 2nd September, 19:30 – 23:00**

The Conference Dinner will take place on Thursday evening, at restaurant *Locanta Jaristea*, in the proximity of Old Bucharest centre and of the Parliament Palace.

Conference & Workshop Programme

The Programme, includes in presence and online participations and combines *plenary* sessions with invited and oral presentations, and three *poster* sessions. The online participants will receive by email credentials to connect by Zoom.

The sessions are held in Magurele in the Conference Hall situated in the proximity of National Library of Physics.

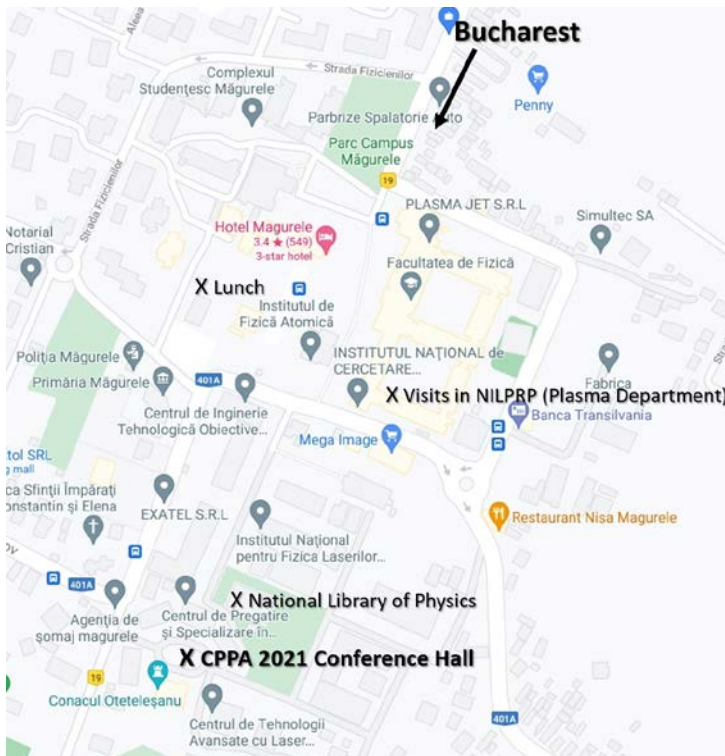
Due to the tight program imposed by the hybrid format of the event, you are asked to not exceed the time allocated for the presentation, as following:

***Duration of invited talks:* 25 min + 5 min for discussion**

***Duration of oral presentations:* 12 min + 3 min for discussion**

The poster sessions are programmed as Session I, on Tuesday afternoon (Topics 1, 2), Session II, on Thursday afternoon (Topic 3), respectively Session III, on Friday morning (Topic 4 and Workshop). The in-person participants are kindly asked to hang up their posters before the scheduled session, and to remove them at the end of Poster session. Recommended poster size in A0 (841 x 1189 mm), portrait orientation. Besides in-presence interaction, a time slot is reserved for on-line prerecorded presentations of 3 minutes of each poster followed by Q&As from on-line participants.

The location of the buildings of interest for the Conference is presented below:



CPPA 2021 Conference and Workshop Programme

Tuesday, August 31st

08:30	09:10	Registration	
09:10	09:25	Opening	
Morning session 1 – Chair: Gheorghe Popa			
09:25	09:55	I-01	M. Mozetič - Plasma technologies in Industry 4.0: Opportunities for Plasma Scientists
09:55	10:10	O-01	D. Astaneï - DBD plasma treatment of polymeric foils used for flexible printed electronic circuits
10:10	10:25	O-02	M. Zarif - Atmospheric plasma fluoridation for application in dentistry
10:25	10:40	O-03	G. Tifui - Modification of mechanical properties of polydimethylsiloxane surface by low-pressure plasma treatment
10:40	10:55	O-16	I.R. Rădulescu - Copper and stainless steel plasma coated woven fabrics for EMI shielding
10:55	11:30	<i>Coffee break – Conference Hall</i>	
Morning Session 2 – Chair: Florin Spineanu			
11:30	12:00	I-03	T. Craciunescu - Romanian participation in EUROfusion research
12:00	12:15	O-04	M. Vlad - Computer-aided analysis of the theories of stochastic transport
12:15	12:30	O-05	D.I. Palade - Direct numerical simulations of the turbulent transport of heavy impurities in tokamak plasmas
12:30	12:45	O-06	C.V. Atanasiu - Simulation of plasma disruptions triggered by Vertical Displacement Events in ITER
12:45	13:00	O-09	E. Teodorescu - A Perspective on the Scaling of Magnetosheath Turbulence and Effects of Bow Shock Properties
13:00	14:30	<i>Lunch</i>	
Afternoon session – Chair: Lucel Sirghi			
14:30	15:00	I-04	C. Costin - Efficiency of the secondary electron emission in magnetized discharges
15:00	15:30	I-05	G.D. Stancu - Advanced diagnostics, thermal coupling and fundamental studies of atmospheric pressure discharges
15:30	15:45	O-18	B.G. Rusu - Laser-synthesized Si nanoparticles in liquid environment for biomedical applications
15:45	16:00	O-07	S.A. Yehia - Laser ablation technique for obtaining Be nanoparticles
16:00	16:15	O-10	I.C. Gerber - Energetic Processing of Interstellar Dust Analogs Obtained in Dielectric Barrier Discharge
16:15	16:30	<i>Coffee break</i>	
16:30	18:00	Poster session I – Chairs: Claudiu Costin, Dunpin Hong	
18:00	21:00	Welcome reception/Sytago Restaurant	

Wednesday, 1st September

08:45	09:10	Registration	
Morning session 1 – Chair: Gheorghe Dinescu			
09:10	09:40	I-06	K. Kutasi - Characteristics of surface-wave microwave discharges and their application possibilities
09:40	10:10	I-07	F.J.J. Peeters - Preheating and quenching in CO ₂ microwave plasma reactors
10:10	10:25	O-11	C. Dumitrache - Vorticity Dynamics in Laser-induced Plasma
10:25	10:40	O-12	S.A. Irimiciuc - Insight plasma structuring and oxidations processes during pulsed laser deposition
10:40	10:55	O-13	P.E. Nica - Characterization of carbon ions in excimer laser-generated plasma using the electrostatic energy analyzer
10:55	11:30	<i>Coffee break – Conference Hall</i>	
Morning session 2 – Chair: Miran Mozetič			
11:30	12:00	I-08	A. Zille - Atmospheric Plasma Immobilization of Antimicrobial Zeolite Loaded Silver Nanoparticles on Medical Textiles
12:00	12:15	O-14	T. Acsente - Magnetron sputtering gas aggregation cluster source operated in plasma jet mode
12:15	12:30	O-15	O. Kylián - Plasma-based synthesis of mesoporous films of vanadium and vanadium-oxide nanoparticles
12:30	12:45	O-17	P. Isabelli - Cold atmospheric pressure plasma assisted inactivation of bioaerosols containing bacteria, purified SARS-CoV-2 RNA and SARS-CoV-2
12:45	13:00	O-08	M. Echim - On diagnosing the magnetospheric plasma state from auroral tomographic observations
13:00	14:30	<i>Lunch</i>	
14:30	19:30	<i>Excursion</i>	

Thursday, 2nd September, 1st Workshop on Plasma Applications for Smart and Sustainable Agriculture

08:30	09:00	Registration	
09:00	09:10	Opening	
Morning session 1 – Chair: Nevena Puac			
09:10	09:40	IW-01	Z. Machala - Reactive oxygen and nitrogen species in plasma activated water: tuning their concentrations and functions in plant growth promotion
09:40	10:10	IW-02	E. Marotta - Plasma-based water treatment in agricultural applications
10:10	10:25	OW-01	F. Bilea - Removal of mixtures of pharmaceutical pollutants in aqueous solutions using non-thermal plasma

10:25	10:40	OW-02	P. Brault - Energy decomposition analysis of organic pollutants in water: a way for finding plasma degradation routes
10:40	11:10	<i>Coffee break – Conference Hall</i>	
Morning session 2 – Chair: Zdenko Machala			
11:10	11:40	IW-03	O. Schlüter - Cold atmospheric pressure plasma applications along the entire food production chain: examples and perspectives
11:40	12:10	IW-04	P. Bourke - From Bench to Prototype for Fresh Produce Processing with Non-thermal Plasma
12:10	12:25	OW-03	N. Škoro - Application of a surface DBD plasma source for flour treatment
12:25	12:40	OW-04	R. Žūkienė - The potential of cold plasma for the stimulation of natural sweeteners biosynthesis in <i>Stevia rebaudiana</i> Bertoni
12:40	14:00	<i>Lunch</i>	
Afternoon session – Chair: Kinga Kutasi			
14:00	14:30	I-09	A. Nikiforov - Nitrogen fixation by pulsed electrical discharges: from backgrounds to application
14:30	15:00	I-10	M. Magureanu - Plasma degradation of antibiotic contaminants in water
15:00	15:15	O-19	T. Tian - Study of a Dielectric Barrier Discharge in Contact with Water
15:15	15:30	O-20	N. Korichi - Hybrid Non Thermal Plasma/Heterogeneous Catalysis Process for emerging contaminant mineralization in water
15:30	16:00	<i>Coffee break</i>	
16:00	17:30	Poster Session II – Chairs: Bogdana Mitu, Gregor Primc	
19:30	23:00	Conference Dinner	

Friday, 3rd September

08:45 09:10 Registration

Morning session 1 – Chair: Monica Magureanu

09:10	09:40	IW-05	T. Dufour - Dry atmospheric plasma priming: a sustainable approach to improve seeds germinative parameters
09:40	10:10	IW-06	V. Mildaziėnė - The molecular mechanisms involved in plant response to stress induced by seed exposure to cold plasma
10:10	10:25	OW-05	I. Motrescu - Effects of Surface Dielectric Barrier Discharge Treatment of Some Sprout Species in Different Conditions
10:25	10:40	OW-06	A.V. Nastuta - Tailoring plasma sources towards plasma agriculture: at the interface with liquids and solids

10:40	11:10	<i>Coffee break – Conference Hall</i>	
Morning session 2 – Chair: Bogdana Mitu			
11:10	11:40	IW-07	A. Bertaccini - Plasma activated water as disease resistance inducer in plants
11:40	12:10	IW-08	H. Brust - Plasma Treatment of Growing Plants – Effects on Plant Growth, Development and Stress Responses
12:10	13:30	Poster Session III – Chairs: Ionut Topala, Nikola Škoro	
13:50	14:00	Closing ceremony	
14:00	15:00	<i>Lunch</i>	

Note: The code of the presentations is related to the order of presenters, as included in the Book of Abstracts of the conference

Poster session I, Topics 1 and 2 – Tuesday, August 31st, 16:30 – 18:00

Topic 1: Processes in plasmas, modelling and simulation. Space plasmas

- P1-01 Kinetics of ozone generated by surface dielectric barrier discharge micro-plasma in small chambers
L. Sirghi
- P1-02 Global Ionospheric Response to a Periodic Sequence of HSS/CIR Events During the 2007–2008 Solar Minimum
C. Negrea, C. Munteanu, M.M. Echim
- P1-03 Velocity shear effects on the structure and stability of tangential discontinuities in collisionless magnetized plasmas
G. Voitu and M. Echim
- P1-04 Using PIC simulations for inertial fusion plasma modeling
A. Zubarev, M. Cuzminscvhi
- P1-05 Nonlinear diffusion of charged particles in pseudo-three-dimensional magnetic turbulence
A. Croitoru, M. Vlad, F. Spineanu
- P1-06 Effects of intermittency on turbulent transport in tokamak plasmas
L. Pomârjanschi, D.I. Palade, M. Vlad
- P1-07 Effective Larmor radius, conformal symmetry and the seeds of Edge Localized filaments
F. Spineanu, M. Vlad, A.M. Croitoru
- P1-08 Scaling laws of 2D incompressible turbulent transport
M. Ghiță, D.I. Palade, M. Vlad

Topic 2: Gas discharge physics, plasma sources and diagnostics, dusty and laser plasmas

- P2-01 Diagnosis of Be-D magnetron plasma operated in bipolar HiPIMS
P. Dinca, V. Tiron, B. Butoi, O.G. Pompilian, C. Staicu, V. Ciupina, C.P. Lungu
- P2-02 Characterization of a filamentary argon plasma jet by optical emission spectroscopy
C.I. Constantin, C. Dumitrache, B. Mitu

- P2-03 The problem of time in Langmuir probe measurements of laser produced plasmas
S.A. Irimiciuc, S. Chertopalov, M. Novotný, V. Craciun, J. Lancok
- P2-04 Current oscillations recorded by an electrostatic energy analyzer from a Carbon laser-produced plasma
P.E. Nica, C. Ursu, G. Rusu, C. Focsa
- P2-05 Optical emission spectroscopy of a BaSrTiO ablation plasma
F. Gherendi, D. Dobrin, M. Nistor
- P2-06 Atmospheric pressure AC high voltage driven plasma jet: vacuum ultraviolet radiance measurements and electrical field diagnostics
A. V. Nastuta, T. Gerling
- P2-07 Acquisition and analysis of leaning input data used in helium APPJ control: effect of voltage and frequency
M. Albu, A. Breabăn, C. Agheorghiesei, V. Pohoată, I. Mihăilă, I. Topală
- P2-08 Characterization and optimization of Laser Induced Breakdown (LIB) as an ignition method to generate open field blast waves
T. Guillaumin, S. Rudz, J-L. Hanus, M. Wartel, **S. Pellerin**
- P2-09 Capacitive power supplies for non-thermal plasma multi-reactors scale-up
R. Burlica, D. Astanei, O. Beniuga, D.E. Cretu
- P2-10 Observations of dusty CH₄ plasma with a simple image processing approach
S. Rudz, V. Massereau-Guilbaud, I. Géraud-Grenier, S. Pellerin

Poster session II, Topic 3 – Thursday, September 2nd, 16:00 – 17:30

Topic 3: Plasma material processing and fusion technology

- P3-01 The role of the deposition on the optical and electrical properties of indium oxide thin films
D. Dobrin, F. Gherendi, M. Nistor
- P3-02 Electrical characterization of CNW architectures in view of gas sensor applications
B. Bitu, A.M.I. Trefilov, A. Radu, S. Iftimie, S. Vizireanu, G. Dinescu
- P3-03 Surface analysis of zinc oxide thin films grown by pulsed electron beam deposition
M. Nistor, F. Gherendi, J. Perrière
- P3-04 Obtaining Ag-fluorocarbon nanocomposites with controlled properties by combined plasma-based methods
V. Satulu, B. Mitu, T. Acsente, C. Constantinescu, A. Bonciu, S. Brajnicov, V. Ion, G. Dinescu
- P3-05 Analysis of HCl doped polyaniline thin films by DC plasma polymerization reactor
B. Butoi, **C. Staicu**, P. Dinca, A. Tatarus, C. Porosnicu, A. Groza
- P3-06 Tribological properties of Chromia and Chromia composite coatings deposited by plasma spraying
L. Bastakys, M. Grigaliūnas, L. Marcinauskas, R. Kėželis, S. Matkovič, M. Aikas

- P3-07 Nanoscale tribological properties of diamond like carbon films deposited by different magnetron sputtering techniques
S. Teodoroff-Onesim, V. Tiron, L. Sirghi
- P3-08 Copper-based transparent heat reflecting plasma coatings for energy saving applications
I. Pana, L.R. Constantin, A.C. Parau, A.E. Kiss, A. Vladescu, C. Vitelaru
- P3-09 Plasma Functionalized Carbon Nanowalls as Microporous Layers in PEM Fuel Cells
A.M.I. Trefilov, B.I. Biță, A.E. Bălan, S. Vizireanu, G. Dinescu
- P3-10 Structural and magnetic specificity in Fe-B intermetallic thin films obtained by thermoionic vacuum arc and magnetron sputtering
C. Staicu, V. Kuncser, C. Locovei, I. Burducea, P. Dincă, B. Butoi, O. Pompilian, C. Poroșnicu, C.P. Lungu
- P3-11 RF Magnetron Sputtering Co-deposition and Characterization of Hydrogen Permeation Barrier Oxides in Tungsten & Beryllium Metallic Reinforced Matrix Composites
M. Lungu, C. Staicu, O.G. Pompilian, B. Butoi, B. Flaviu, D. Cristea, C. Porosnicu
- P3-12 A plasma method to decorate carbon nanomaterials with tungsten particles for sensor applications
S.D. Stoica, V. Marascu, C. Stancu, A. Bonciu, V. Satulu, G. Dinescu
- P3-13 Tritium release from submicronic uncontrolled tungsten dust shapes with/without microwave plasma treatments
V. Marascu, M. Payet, S. Garcia-Argote, S. Feuillastre, G. Pieters, V. Mertens, F. Miserque, E.A. Hodille, E. Bernard, C. Grisolia
- P3-14 Material- and gas-dependent changes induced by atmospheric pressure plasma treatments on metallic surfaces
M. Zarif, S.A. Yehia, B.I. Biță, V. Mărăscu, S. Vizireanu, G. Dinescu, C. Corobea
- P3-15 In-liquid plasma synthesis of Ag Np by means of a filamentary jet discharge
A.A. Ardeleanu, V. Satulu, E. Matei, G. Dinescu, and **B. Mitu**

Poster session III, Topic 4 and Workshop – Friday, September 3rd, 12:10 – 13:40

Topic 4: Plasma applications in environment, biology, medicine and agriculture

- P4-01 Silver containing transparent films on polymer substrates for antimicrobial applications
C. Vitelaru, A.C Parau, A.E. Kiss, I. Pana, M. Dinu, L.R. Constantin, A. Vladescu, M. Badea, L.E. Tonofrei
- P4-02 In vitro analysis of the cytotoxic effect of ITER-like tungsten nanoparticles on dermal fibroblast cells
L.G. Carpen, T. Acsente, M.A. Acasandrei, E. Matei, G. Dinescu
- P4-03 Augmented biocompatibility properties of PET and PET+TiO₂ foils after He plasma jet exposure
A.V. Nastuta, M. Butnaru, V. Pohoata, I. Topala, V. Tiron

- P4-04 Antimicrobial and biocompatible nanocomposites based on chitosan and Ag NPs obtained by atmospheric pressure dielectric barrier discharge plasma treatment
A.A. Ardeleanu, V. Satulu, C.V. Saviuc, C. Chifiriuc, V. Mitran, A. Campean, A. Bonciu, E. Matei, **B. Mitu**, G. Dinescu
- P4-05 Organophosphorus toxic compounds degradation in aqueous solutions using single filament DBD plasma jet source
S.A. Yehia, M. Zarif, L.G. Carpen, B. Bitu, N. Petrea, S. Vizireanu, C. Stancu, G. Dinescu
- P4-06 Determination of HMF Contents And Sugar Composition of Cold Plasma Applied Raisins
Ö. Çağındı, D. Benzer Gürel, G.D. Özdemir, U.K. Ercan

Workshop

- PW-01 The effect of a cold atmospheric filamentary plasma on seeds of beans (*Phaseolus vulgaris*)
L.G. Carpen, C. Chireceanu, B. Mitu, C. Stancu, A. Bonciu, M. Teodorescu, I. Florescu, A. Chiriloaie-Palade, A. Geicu, G. Dinescu
- PW-02 The influence of air atmospheric pressure plasma treatment on the germination of *Tagetes erecta* seeds under saline stress
B. Tatarcan, C. Ifrim, C.V. Petre, I. Mihaila, V. Pohoata, I. Topala
- PW-03 Effect of non-thermal plasma treatment on sunflower seeds
A.G. Geicu, I. Florescu, C. Chireceanu, M. Magureanu
- PW-04 Plasma-induced morphological and biochemical changes in dwarf bearded iris (*Iris reichenbachii* Heuff.) calli
S. Živković, S. Jevremović, U. Gašić, M. Milutinović, N. Puač, N. Škoro², Z.Lj. Petrović
- PW-05 Treatment of *Chlorella vulgaris* by gliding arc discharge plasma
L. Marcinauskas, A. Stirkė, K. Jonynaitė, M. Aikas, A. Tamošiūnas, A. Šuopys, G. Dalmantaitė, R. Uscila
- PW-06 Application of plasma activated water for phenol degradation using a gliding arc discharge at atmospheric pressure
M. Wartel, F. Inoubli, F. Faubert, O. Aubry, D. Astanei, S. Rudz, R. Burlica, **S. Pellerin**
- PW-07 Hydrophilization of corn seeds by non-equilibrium gaseous plasma
N. Recek, A. Vesel, R. Zaplotnik, D. Paul, G. Primc, P. Gselman, M. Mozetič
- PW-08 *Listeria monocytogenes* dynamics on multispecies biofilms formed on anti-biofilm coatings applied by Non-Equilibrium Atmospheric Plasma on stainless steel
P. Fernández-Gómez, R. Múgica-Vidal, M. González-Raurich, M. López, F. Alba-Elías, **M. Oliveira**, A. Álvarez-Ordóñez
- PW-09 Wheat seed surface changes after cold plasma treatment
P. Starič, K. Vogel-Mikuš, I. Junkar
- PW-10 Effect of plasma activated water (PAW) as a fertilizer improving the outdoor plant yield: maize case
G.B. Ndiffo Yemeli, Z. Machala

Contacts:

In case of need please call one of the following numbers:

004 0743147418 (Gheorghe Dinescu)

004 0746100139 (Bogdana Mitu)

004 0742356965 (Daniel Stoica)

Note that the emergency number in Romania is 112. It is possible to call 112 even without a SIM card. In addition to Romanian, the calls are answered in English, French, Hungarian, German, Italian, Spanish and Russian, depending on the call centre.