



GREENELIT



POSTER SESSION

September 12-13, 2023



10:00 ÷ 16:00

The entrance hall of the the Rectorate building of the University of Novi Sad

POSTER 1

Cumulenes: exploring charge transport in sp-carbon wires

[E. Sala](#), [S. Pecorario](#), [M. Caironi](#)

POSTER 2

Toward fully printed high-frequency flexible OFETs

[M. Cambiaggio](#), [T. Losi](#), [M. Caironi](#)

POSTER 3

Assessment of Covarine Pigment Morphology in Commercially Available Toothpastes for Optical Whitening

[L. Adamov](#), [B. Petrović](#), [S. Kojić](#), [M. Vejin](#), [M. Đočoš](#), [G. Stojanović](#)

POSTER 4

Corn protein, zein – Functional traits

[S. Bučko](#), [J. Katona](#), [Lj. Spasojević](#), [J. Škrbić](#), [J. Milinković](#), [J. Fraj](#),
[L. Petrović](#), [F. Babu Kadumudi](#), [A. Dolatshahi-Pirouz](#), [G. Stojanović](#)

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GREEN ELECTRONICS CONFERENCE

12-13 September, 2023
Novi Sad, Serbia

DAY 1

September 12, 2023

Chair: Dr. Pierluigi Mondelli Co-chair: Dr. Sanja Kojić

Amphitheatre of the Rectorate building of the University of Novi Sad
Dr Zorana Djindjica street, no. 1, 21000 Novi Sad, Serbia

DAY 2

September 13, 2023

Chair: Dr. Mihai Irimia-Vladu Co-chair: Dr. Mitar Simić

Amphitheatre of the Rectorate building of the University of Novi Sad
Dr Zorana Djindjica street, no. 1, 21000 Novi Sad, Serbia

10:00 ÷ 10:15	Registration of participants
10:15 ÷ 10:20	Conference opening Prof. Dr. G. Stojanović
10:20 ÷ 10:40 (15 min. + 5 Q&A)	Towards Printed Organic Transistors Operating at Ultra-High Frequency Dr. M. Caironi
10:40 ÷ 11:00	Soft and Compliant Digital Materials for Wearable Healthcare Monitoring A. Dolatshahi-Pirouz
11:00 ÷ 11:20	Bending the rules: engineering the new generation of soft electronics E. A. Viola, A. Spanu, A. Bonfiglio
11:20 ÷ 11:40	Coffee break (Cafeteria in the Rectorate building)
11:40 ÷ 12:00	The avenue to "Green" in Bioelectronics M. Irimia-Vladu
12:00 ÷ 12:20	Towards edible gas sensors to reduce food waste P. Mondelli
12:20 ÷ 12:40	Conjugated materials from and into interface rich, water based microheterogeneous environments. Introducing sustainability in organic electronics S. Mattiello, M. Sassi, L. Beverina
12:40 ÷ 13:00	Organic Thermoelectrics: engineering materials towards application P. Rossi, N. Pataki James, L. Beverina, M. Caironi
13:00 ÷ 14:00	Lunch break (Cafeteria in the Rectorate building)
14:00 ÷ 14:20	Green and edible electronics for future biosensor A. Luzio
14:20 ÷ 14:40	In-Vitro Recording of Cellular Activities using Printed Carbon-based Transistors A. Kyndiah, M. Caironi
14:40 ÷ 15:00	Realizations of Electrical Transformer and Linear Variable Differential Transformer (LVDT) Based on Edible Inductors Ž. Popović, M. Radovanović, M. Simić, G. Stojanović
15:00 ÷ 15:20	Biomaterials and Theranostic Systems for Tissue Cyborganic applications T. Eufrásio-da-Silva
15:20 ÷ 15:40	Proteins: Structure, Function, and Their Role in Advancing Cyborganic Systems M. Nadimifar
15:40 ÷ 19:30	Free time
19:30 ÷ 23:00	Joint dinner

10:00 ÷ 10:20	Textile electronics as environmental-friendly approach for wearable electronics and biomedical applications F. Mariani, F. Decataldo, V. Vurro, F. Ceccardi, L. Possanzini, D. Arcangeli, M. Tessarolo, I. Gualandi, E. Scavetta, B. Fraboni
10:20 ÷ 10:40	Biomaterials and Processing for Tissue Engineering and Biomedical applications N. Golafshan
10:40 ÷ 11:00	Zwitterion Hydrogels for Smart Wound Bandage and Strain Sensing Applications S. Basak, A. Doaltshahi-Pirouz, F. Babu Kadumudi
11:00 ÷ 11:20	Contact resistance based force sensing T. Gabriel Zsurzsan, A. F. Wolstrup
11:20 ÷ 11:40	Coffee break (Cafeteria in the Rectorate building)
11:40 ÷ 12:00	Green Reduced Functionalized Graphene-based CO2 Sensor for Exhaled Breath Marker Application P. Kumar, H. Fahmi Hawari, M. Gupta, G. Stojanović
12:00 ÷ 12:20	Protein-Based Films: Adhesion and Thermal Stability Assessment S. Kojić, M. Vejin, M. Đočoš, M. Pojić, B. Petrović, G. Stojanović
12:20 ÷ 12:40	Edible electronic components made from recycled food waste M. Radovanović, G. Stojanović, D. Suvara, L. Milić, B. Škrbić
12:40 ÷ 13:00	Signal quality assessment and parameter analysis of recorded electrocardiograph signals acquisitioned by potato peel-based electrodes Ž. Popović, L. Milić, G. Stojanović
13:00 ÷ 14:00	Lunch break (Cafeteria in the Rectorate building)
14:30 ÷ 19:00	Joint social event: Excursion to the Petrovaradin Fortress and Sremski Karlovci
19:00 ÷ 22:00	Joint dinner



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