

PROGRAMME

International Symposium
on Bioelectrochemistry
and Bioenergetics

APRIL 3-7, 2022 ANTWERP











Organising Committee

Lo Gorton

Lund University, Sweden (Former President BES)

Fred Lisdat

University of Applied Sciences Wilday, Germany (President BES)

Karolien De Wael

Antwerp University, Belgium (Chair BES2022)

Thomas Doneux

ULB, Belgium

Deepak Pant

VITO, Belgium

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Olivier Voet

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Elise Daems

Amelia Langley

Marc Parrilla Pons

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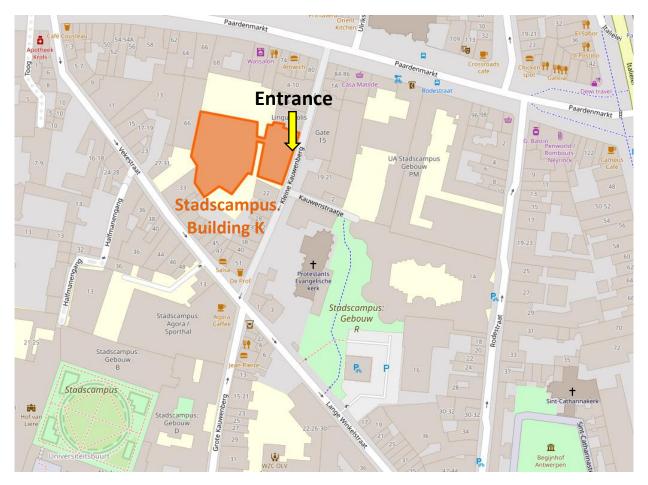






Venue

Building K, Stadscampus, University of Antwerp <a href="Address: Address: A

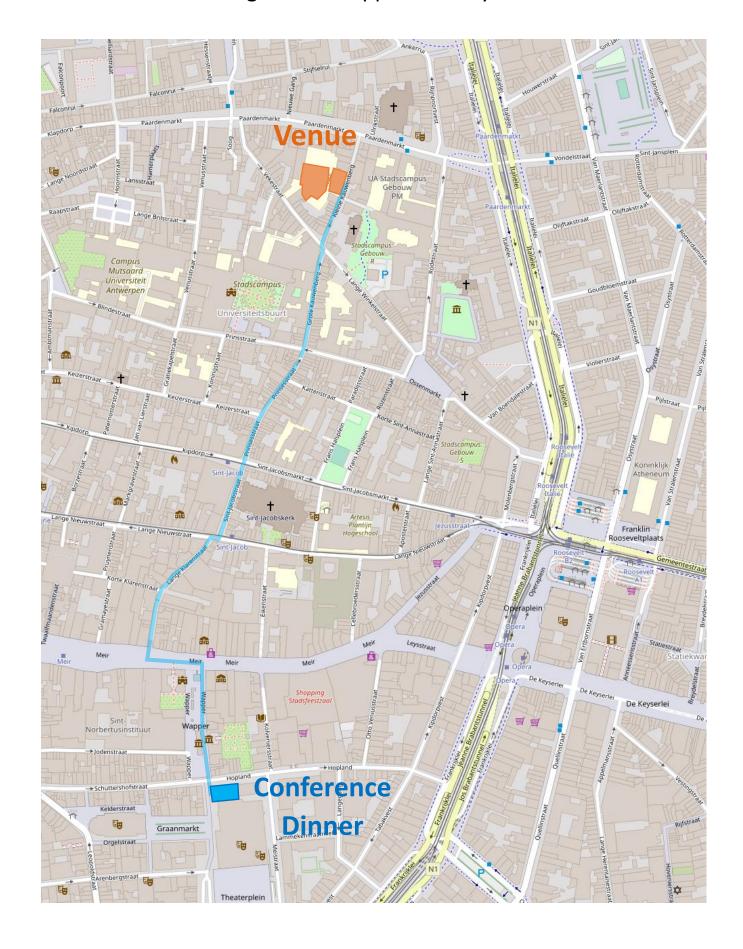


Conference dinner

Horta Grand Café & Art Nouveau Zaal Address: Hopland 2, 2000 Antwerpen



Walking distance approximately 1 km



Symposium 1 (S1):	Bio(inspired) sensors & diagnostics
Symposium 2 (S2):	Microbial electrochemical technologies and electron transport system
Symposium 3 (S3):	Bio-electrosynthesis
Symposium 4 (S4):	Electroporation & biomembrane electrochemistry
Symposium 5 (S5):	Nano technologies & architectures for bio- electrochemistry
Symposium 6 (S6):	Bio(photo)electrochemistry & bio-energetics

Sunday, April 3rd 2022

<u>Time</u>		
from 15.00	Registration, Building K – Entrance Hall	
17.30 - 18.00	Opening Ceremony, Room S.K.001	
18.00 - 18.50	Giulio Milazzo Prize lecture, Room S.K.001 Lo Gorton	Chaired by F. Lisdat
18.50 - 19.30	Luigi Galvani Prize lecture, Room S.K.001 Erwin Reisner	Chaired by F. Lisdat
19.30 - 22.00	Welcome Reception, Building K – Entrance	Hall





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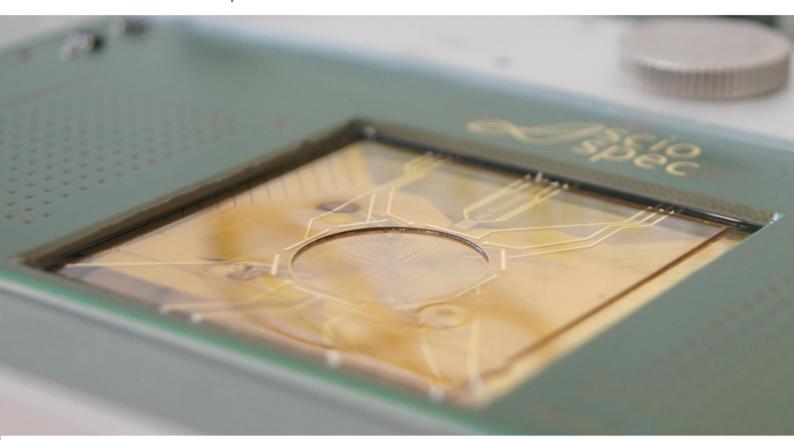
Monday, April 4th 2022

Time	Main lecture room (S.K.001)		Break-out room (S.K.202	1)
	Chaired by Thomas Doneux			
9.00 - 9.40	Plenary lecture by Kylie Vincent			
9.40 - 9.45	5	-minut	e break	
	Chaired by Nicolas Plumeré and Giulia N	Лoro	Chaired by Julea Butt and Antonin Prévo	oteau
9.45 - 10.15	Keynote by Inês Cardoso Pereira	S6K1	Keynote by Abraham Esteve-Núñez	S2K1
10.15 - 10.35	Victoria Davis	S6O1	Joanna Roginska	S2O1
10.35 - 11.00		Coffee	break	
11.00 - 11.20	Hiu Mun Man	S6O2	Christine Kranz	S2O2
11.20 - 11.40	Felipe Conzuelo	S6O3	Jeanine Geelhoed	S2O3
11.40 - 12.00	Oren Bachar	S6O4	Jasper Van Der Veen	S2O4
12.00 - 12.20	Matan Meirovich S605		Joshua Atkinson	S2O5
12.20 - 14.20	Lunch break - Poster session 1 (Entrance Hall Building K)			
	Chaired by Edmond Magner			
14.20 - 15.00	Plenary lecture by Lital Alfonta			
15.00 - 15.05	5-minute break			
	Chaired by Ilaria Palchetti and Cánovas Martínez	Rocío	Chaired by Inês Cardoso Pereira and Jo F	Philips
15.05 - 15.35	Keynote by Johan Bobacka	S1K1	Keynote by Jason Ren	S3K1
15.35 - 15.55	Invited speaker Fabiana Arduini	S1I1	Invited speaker Buz Barstow	S3I1
15.55 - 16.20	Coffee b		break	
16.20 - 16.40	Stephane Marinesco	S101	Edmond Magner	S3O1
16.40 - 17.00	Tanushree Mandal	S102	Antonio López De Lacey	S3O2
17.00 - 17.20	Bastien Darmau S		Stephane Arbault	S6O6
17.20 - 17.40	Ana Díaz-Fernández	S104	Mina Aleksanyan	S6O7



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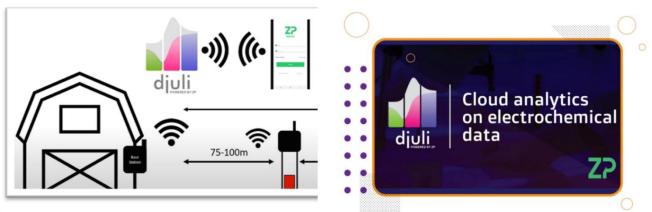
Tuesday, April 5th 2022

Time	Main lecture room (S.K.001)		Break-out room (S.K.20	1)
	Chaired by Deepak Pant			
9.00 - 9.40	Plenary lecture by Moh El-Naggar			
9.40 - 9.45		5-minut	e break	
	Chaired by Amelia Lang	ley	Chaired by Renata Bilewi	icz
9.45 - 10.15	Keynote by Arnaud Chovin	S5K1	Keynote by Véronique Préat	S4K1
10.15 - 10.35	Invited speaker Nicolas Plumeré		Invited speaker Michal Cifra	S4I1
10.35 - 11.00		Coffee	break	
11.00 - 11.20	Marc Parrilla	S5O1	Dorota Matyszewska	S4O1
11.20 - 11.40	Serena Arnaboldi	Serena Arnaboldi S502		S4O2
11.40 - 12.40	BES - General Assembly			
12.40 - 14.00	Lunch break			
14.00 - 17.00	Excursion Antwerp			
19.00 - 3.00	Conference dinner			

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Wednesday, April 6th 2022

Time	Main lecture room (S.K.001)		Break-out room (S.	K.201)
	Chaired by Marie Pierre-Rols			
9.00 - 9.40	Plenary lecture by Julie Gehl			
9.40 - 9.45		5-miı	nute break	
	Chaired by Cecilia Cristed Galina Pankratova	a and	Chaired by Arnaud Chovin and Mo	arc Parrilla
9.45 - 10.15	Keynote by Elena Ferapontova	S1K2	Keynote by Susana Campuzano	S5K2
10.15 - 10.35	Roy Cohen	S105	Ilaria Palchetti	S5O3
10.35 - 11.00	Cof	fee brea	k - Group picture	
11.00 - 11.20	Sara Grecchi	S106	Tatjana Safarik	S5O4
11.20 - 11.40	Anna Lielpetere	S107	Monica Brachi	S5O5
11.40 - 12.00	Kavita Jayakumar	S108	Anastasiia Berezovska	S506
12.00 - 12.20	Giulia Moro	S109		
12.20 - 14.20	Lunch break - Poster session 2 (Entrance Hall Building K)			
	Chaired by Marcos Pi	ta	Chaired by Fabiana	Arduini
14.20 - 14.40	Invited speaker Lars Lauterbach	S6I1	Thibaut Cohu	S1O10
14.40 - 15.00	Fred Lisdat	S6O8	Melisa Del Barrio	S1011
15.00 - 15.20	Alina Sekretereva	S6O9	Estelle Lebègue	S1O12
15.20 - 15.50		Cof	fee break	
	Chaired by Lars Lauterbach		Chaired by Christine	e Kranz
15.50 - 16.10	Petra Hellwig	S6O10	Invited speaker Julea Butt	S2I1
16.10 - 16.30	levgen Mazurenko	S6O11	Christine Lewis	S2O6
16.30 - 16.50	Marcos Pita	S6O12	Song Wang	S2O7
16.50 - 17.10	Panpan Wang	S6O13	Marisela Velez	S2O8

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Thursday, April 7th 2022

Time	Main lecture room (S.K.001)		Break-out room (S.K.20	1)
	Chaired by Karolien De W	'ael		
9.00 - 9.40	Plenary lecture by Alexander Kuhn			
9.40 - 9.45		5-minut	e break	
	Chaired by Buz Barstow and Paolo De	essi	Chaired by Michal Cifra and Peter Kra	mar
9.45 - 10.15	Keynote by Miriam Rosenbaum		Keynote by Gintaras Valincius	S4K2
10.15 - 10.35	Invited speaker Jo Philips		Invited speaker Slawomir Sek	S4I2
10.35 - 11.00	Coffee		break	
11.00 - 11.20	Paolo Dessi	S3O3	Renata Bilewicz	S4O3
11.20 - 11.40	Johanna Radomski	S3O4	Martina Zatloukalova	S4O4
11.40 - 12.00	Igor Vassilev S305		Michalina Zaborowska	S4O5
12.00 - 12.20	Closing ceremony			
12.20 – 13.00	Take Away Lunch			



Potentiostat, Galvanostat, Impedance Analyzer



EmStat4s LR

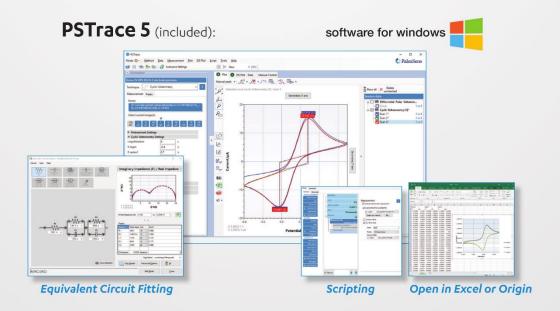
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Poster Presentations

The posters will remain available for consultation in the Entrance Hall of Building K for the entire duration of the conference.

The evaluation by the Poster Prize Committee, on the other hand, will take place in two different sessions. The presenters are expected to be available during their respective session to defend and discuss their work.

Session 1 Monday, April 4 th		
S1P1	Hanan Barich	
S1P2	Essohanam Beke	
S1P3	Alexandra Canciu	
S1P4	Rocío Cánovas	
S1P5	Denisa-Elena Căpăţînă	
S1P6	Cecilia Cristea	
S1P7	Nicolas Delprat	
S1P8	Ana-Maria Dragan	
S1P9	Mario Mitov	
S2P1	Olatunde Akinbuja	
S2P2	Jiji Alingapoyil Choyikutty	
S2P3	Joshua Atkinson	
S2P4	Hannah Bird	
S2P5	Thessa Van Limbergen	
S3P1	Simin Arshi	
S5P1	Jessica Crivelaro Pacheco	
S5P2	Galina Pankratova	
S5P3	Alexandra Pusta	
S6P1	Jana M. Becker	
S6P2	Giada Bedendi	
S6P3	Thiago Bertaglia	
S6P4	Rachel Egan	
S6P5	Yolina Hubenova	
S6P6	Fred Lisdat	

Session 2 Wednesday, April 6 th		
S1P10	Carina Figueiredo	
S1P11	Rainier-Numa Georges	
S1P12	Rimsha Binte Jamal	
S1P13	Florine Joosten	
S1P14	Issa Fall	
S1P15	Ilaria Palchetti	
S1P16	Marc Parrilla	
S1P17	Carolin Psotta	
S1P18	Franziska Schachinger	
S2P6	Mario Mitov	
S2P7	Dmitrii Pankratov	
S2P8	Yolina Hubenova	
S2P9	Thessa Van Limbergen	
S2P10	Toni Vitasovic	
S4P1	Peter Kramar	
S4P2	Nives Novosel	
S5P4	Jack Reeder	
S5P5	Malgorzata Skorupa	
S5P6	Sophie Webb	
S6P7	Selmihan Sahin	
S6P8	Aleksandra Stefanowska	
S6P9	Jitka Urbánková	
S6P10	Evan Wroe	
S6P11	Xinxin Xiao	
S6P12	Omer Yehezkeli	

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Overview of contributions

Code	Presenter	Title		
		Plenary Lectures		
P1	Kylie Vincent	Electrochemical Control over Metalloprotein Single Crystals: Linking Structure, Function and Spectroscopy to Elucidate Mechanism for NiFe Hydrogenases		
P2	Lital Alfonta	Expanding the Genetic Code of Bioelectrochemical Systems		
Р3	Moh El-Naggar	From Single Molecules to Living Electronics: Unraveling Mechanisms of Microbial Electron Transport		
P4	Julie Gehl	Treating Cancer Using Electroporation – Understanding Mechanisms and Implementing Clinical Applications		
P5	Alexander Kuhn	Bipolar Bioelectrochemistry		
	Symposium	1 (S1): Bio(inspired) sensors & diagnostics		
		Keynote lectures		
S1K1	Johan Bobacka	Magneto-Hydrodynamic Extraction of Interstitial Fluid for Noninvasive Wearable Biosensing		
S1K2	Elena Ferapontova	DNA Electrochemistry and Electrochemical DNA Biosensors for Clinical Diagnostics		
		Invited lectures		
S1I1	Fabiana Arduini	Paper-based (bio)sensors as smart and sustainable point- of-care devices		
Oral presentations				
S101	Stephane Marinesco	Brain tissue oxygen pressure monitoring using polyphenylenediamine-polyurethane-coated carbon fiber microelectrodes		
S102	Tanushree Mandal	Peroxidase-based sensors using mediated electrochemistry and in-situ area normalization		
S103	Bastien Darmau	Cross-linked dextran-methacrylate enzymatic biosensors for transdermal glucose monitoring		
S1O4	Ana Díaz-Fernández	Sandwich Sensor Based on Electrocatalytic Reduction of Oxygen by G4-Hemin-Aptamer Complex for the Femtomolar Detection of HER2/neu in Human Serum.		
S105	Roy Cohen	Construction of an enzymatic, oxygen-insensitive L-lactate sensor using soluble or grafted redox mediators		
S106	Sara Grecchi	Deep Eutectic Solvents with Bio-Based Chiral HBD or HBA: a New Electroanalytical Approach for the Enantiodiscrimination of Chiral Probes		
S107	Anna Lielpetere	Novel polymers for bioelectrochemical applications with unusual properties and varied redox potentials		
S108	Kavita Jayakumar	The Effect Of Polymer Shields On Mediated Enzymatic Glucose Biosensors		

S109	Giulia Moro	PFAS Sensing: Concept design of electrochemical and
		optical biostrategies
\$1010	Thibaut Cohu	Electrochemical monitoring of metabolites for detection and label-free identification of microorganisms
S1011	Melisa Del Barrio	A Cholesterol Biosensor Based on Modified Carbon Nanodots and a Dehydrogenase Enzyme
S1012	Estelle Lebègue	Detection of Bacterial Rhamnolipid Toxin by Redox Liposome Single Impact Electrochemistry
		Poster presentations
S1P1	Hanan Barich	Development of a Combi-electrosensor for the Detection of Phenol by Combining Photoelectrochemistry and Square Wave Voltammetry
S1P2	Essohanam Beke	An electrochemical aptamer-based biosensor for arginin-vasopressin
S1P3	Alexandra Canciu	Simultaneous detection of Escherichia coli and Pseudomonas aeruginosa from microbiological samples
S1P4	Rocío Cánovas	Novel electrochemiluminescent assay for the aptamer- based detection of testosterone
S1P5	Denisa-Elena Căpățînă	Electrochemical aptasensor for the detection of quorum sensing molecules in Pseudomonas aeruginosa
S1P6	Cecilia Cristea	Electrochemical Detection of Amphetamine in Street Samples Using an innovative nanoMIPs-based Sensor
S1P7	Nicolas Delprat	Electrochemical journey towards glyphosate detection
S1P8	Ana-Maria Dragan	Electrochemical Detection of Methamphetamine in Confiscated Samples Using a Portable Device
S1P9	Mario Mitov	Development of a Microbial Fuel Cell – Based Biosensor for BOD and COD
S1P10	Carina Figueiredo	Amperometric biosensor for galactose detection using engineered Galactose Oxidase
S1P11	Rainier-Numa Georges	Electrochemical screening of a chemical library of transketolases inhibitors
S1P12	Rimsha Binte Jamal	Electrocatalytic Detection of Escherichia coli at DNA Beacon Modified Gold Screen-Printed Electrodes
S1P13	Florine Joosten	Electrochemical Detection of Drug Use in Oral Fluid for Roadside Drug Testing
S1P14	Issa Fall	Intermittent Pulsed Amperometry and new paper-based electrodes as a tool for characterization of ligninases
S1P15	Ilaria Palchetti	Characterisation of a Ru(II) Complex for PEC sensing of Phenolic Compounds and Alkaline Phosphatase activity
S1P16	Marc Parrilla	Wearable wristband-based electrochemical sensor for the detection of phenylalanine in biofluids
S1P17	Carolin Psotta	Biosensors operating in physiological fluids under homeostatic conditions

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S1P18	Franziska Schachinger	Cytochromes fused to enzymes create electron transferring biorecognition elements – a study of direct electron transfer on MWCNT/GC electrodes
Sympo	osium 2 (S2): Microbial ele	ectrochemical technologies and electron transport system
		Keynote lectures
S2K1	Abraham Esteve-Núñez	Microbial Electrochemical Technologies (MET) already grew up to play a promising role in the water sector: case studies
		Invited lectures
S2I1	Julea Butt	Biomolecular Wires for Electromicrobiology and Liposome Microreactors
		Oral presentations
S201	Joanna Roginska	Increased nitrate reduction with microbial electrochemical snorkel
S2O2	Christine Kranz	Investigating the role surface charge of polydopamine as antimicrobial coating via scanning probe microscopy
S2O3	Jeanine Geelhoed	Genome Analysis of Cable Bacteria Reveals Unique Proteins Involved in the Metabolism of Long-Distance Electron Transport
S2O4	Jasper Van Der Veen	Temperature dependence of conductivity in cable bacteria
S2O5	Joshua Atkinson	Real-time bioelectronic sensing of environmental contaminants
S206	Christine Lewis	Small molecule mediated exogenous electron flow into live cyanobacteria that lack the ability to split water
S207	Song Wang	Electrochemical and Microbiological Response of Exoelectrogenic Biofilm to Polyethylene Microplastics
S208	Marisela Velez	Electrochemical Characterization of Mammalian Respiratory Complex I and III in Intact Mitochondrial Membranes
		Poster presentations
S2P1	Olatunde Akinbuja	Chlorella biocathodes in microbial fuel cells
S2P2	Jiji Alingapoyil Choyikutty	Unraveling the Conductive Structures of Cable Bacteria
S2P3	Joshua Atkinson	Controlling the conductivity of light-patterned biofilms
S2P4	Hannah Bird	Understanding the Effects of Kinetic Limitations on Degradation Rates for Different Substrates in MFCs
S2P5	Thessa Van Limbergen	A self-sustainable sensor platform to monitor the water quality with the use of a sediment microbial fuel cell
S2P6	Mario Mitov	A Novel Bioelectrochemical Approach for Gold and Silver Recovery from Their Dithiosulfate Complexes
S2P7	Dmitrii Pankratov	Electrochemical impedance spectroscopy analysis of highly conductive fiber networks in cable bacteria
S2P8	Yolina Hubenova	Electrochemical characterization of precious-metal-free catalysts in neutral medium
S2P9	Thessa Van Limbergen	Plant microbial fuel cells from a photovoltaic perspective

S2P10	Toni Vitasovic	Inhibition of E. coli Growth by Zn ²⁺ through the in situ and in vivo formation of ZnO/OH Nanocomposites			
	Symposium 3 (S3): Bio-electrosynthesis				
		Keynote lectures			
S3K1	Jason Ren	Can we produce tunable products from microbial electrochemical systems?			
S3K2	Miriam Rosenbaum	Tuning microbial extracellular electron transfer for biotechnology			
		Invited lectures			
S3I1	Buz Barstow	What could the efficiency of electromicrobial production be?			
S3I2	Jo Philips	Insights Into The Interactions Of Acetogenic Bacteria With Cathodes During Microbial Electrosynthesis			
		Oral presentations			
S3O1	Paolo Dessi	CO ₂ conversion in 3-D printed microbial electrosynthesis cells under moderate saline conditions			
S3O2	Antonio López De Lacey	Electro-enzymatic ATP regeneration system for phosphorylation reactions based on co-immobilization of membrane enzymes on a floating phospholipid bilayer			
S3O3	Edmond Magner	Electrochemical Immobilisation of Enzymes for Biocatalysis			
S3O4	Johanna Radomski	The development of a redox-hydrogel bioanode for the bioelectrosynthesis of gluconate			
S305	Igor Vassilev	Fluidized and fixed granular activated carbon bed cathodes for microbial electrosynthesis of carboxylates from CO ₂			
		Poster presentations			
S3P1	Simin Arshi	Electrochemical immobilization of glucose oxidase for the controlled production of H_2O_2 in a biocatalytic flow reactor			
	Symposium 4 (S4): Ele	ectroporation & biomembrane electrochemistry			
		Keynote lectures			
S4K1	Véronique Préat	Electroporation for the delivery of DNA vaccine			
S4K2	Gintaras Valincius	Electrochemical Impedance Spectroscopy: A Tool for Structure and Function Studies of Bilayers Populated with Ion-Conducting Pores			
	Invited lectures				
S4I1	Michal Cifra	Effects of Intense Electric Field on Structure and Function of Proteins			
S4I2	Slawomir Sek	Water structure in the sub-membrane region of a floating bilayer			
	Oral presentations				

S401	Dorota Matyszewska	The Effect of Drug Lipophilicity on the Interactions with Model Cell Membranes – Surface and Electrochemical Studies of Anthracyclines and Statins		
S4O2	Nadica Ivošević DeNardis	Tailoring Algae-Based Vesicles for Drug Delivery		
S4O3	Renata Bilewicz	The EcCLC Antiporter Embedded in the Lipidic Liquid Crystalline Films Electrochemistry and Molecular Dynamics Simulations		
S4O4	Martina Zatloukalova	Isolation, Characterization and Redox Properties of Lipid Rafts from HeLa Cells		
S4O5	Michalina Zaborowska	Activity of reconstituted HMG-CoA reductase in lipid rafts model		
		Poster presentations		
S4P1	Peter Kramar	Effect of the cholesterol on electroporation of planar lipid bilayer		
S4P2	Nives Novosel	Electrochemical adhesion-based differentiation of algal cells		
:	Symposium 5 (S5): Nano te	echnologies & architectures for bio-electrochemistry		
		Keynote lectures		
S5K1	Arnaud Chovin	Nanoscale Imaging of Bioelectrocatalytic Viral Particles		
S5K2	Susana Campuzano	Bioelectroanalytical (nano)tools: new horizons for		
		detecting immunity, predisposition and triggering of		
		prevalent and unexpected diseases		
	-	Invited lectures		
S5I1	Nicolas Plumeré	Bioelectrocatalytic Films for H ₂ Evolution and CO ₂ Fixation		
		Oral presentations		
S501	Marc Parrilla	3D-printed Microneedles-based Potentiometric Sensors for pH Monitoring in Skin		
S5O2	Serena Arnaboldi	Enzyme-Driven Autonomous Swimmers for the Direct Detection and Quantification of Enantiomeric Excess		
S5O3	Ilaria Palchetti	Au Nanoparticles decorated Nano-Graphene Oxide based Hybrid Nanocomposite electrochemical sensor for estrone determination		
S5O4	Tatjana Safarik	Redox cycling in bottom-up designed porous coaxial twin- electrodes for efficient bioelectroanalysis		
S5O5	Monica Brachi	Functionalized carbon nanotubes and glyconanoparticles for glucose oxidation in enzymatic biofuel cells and biosensors		
S506	Anastasiia Berezovska	Biofuel cell based on hollow bioelectrodes containing enzymes in solution		
Poster presentations				
S5P1	Jessica Crivelaro Pacheco	Infrared spectroscopy of the Old Yellow enzyme from Leishmania braziliensis under electrochemical control		

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S5P2	Galina Pankratova	Impact of Plasma-induced Surface Functionalization on Performance of Microfabricated Pyrolytic Carbon as Electrode Material: An Electrochemical Study			
S5P3	Alexandra Pusta	Innovative targeted drug delivery systems based on magnetic and gold nanoparticles			
S5P4	Jack Reeder	Bacterial Imprinting with Electro-active Bacteria for Next Generation Microbial Electrochemical Technologies			
S5P5	Malgorzata Skorupa	Biofunctionalization of neural electrodes with electroactive organic monolayers			
S5P6	Sophie Webb	Facile Modification of Carbon Electrodes with ITO Nanoparticles for H ₂ Production by [FeFe]-Hydrogenase			
	Symposium 6 (S6):	Bio(photo)electrochemistry & bio-energetics			
		Keynote lectures			
S6K1	Inês Cardoso Pereira	Whole cell and enzymatic catalysis for production of biofuels			
Invited lectures					
S6I1	Lars Lauterbach	Electro-driven production of substituted N-heterocycles via an artificial enzymatic cascade			
		Oral presentations			
S6O1	Victoria Davis	Spectroelectrochemical Studies of Oxygen-Tolerant [NiFe] Hydrogenase Immobilized on Transparent Conducting Oxides for Hydrogen Oxidation			
S6O2	Hiu Mun Man	Studying Enzymatic Catalysis by Fluorescence Microscopy – Electrochemistry Coupling			
S6O3	Felipe Conzuelo	Rational Design and Optimization of a Photosystem I- Based Light-Driven Bioanode			
S6O4	Oren Bachar	Instilling New Characteristics in Whole-cell Biohybrids Using Novel Inorganic Nano-Organelles			
S6O5	Matan Meirovich	Nitrogenase Based Nano-Bio-Hybrid Systems for Photo- biocatalytic Processes			
S6O6	Stephane Arbault	Electrochemical Analysis of the Redox State of Mitochondrial Quinones to Study the Warburg Effect			
S607	Mina Aleksanyan	Using electric fields to manipulate and assess the mechanics of photoswitchable membranes			
S608	Fred Lisdat	3D ITO as electrode material for DET of photosystem I			
S6O9	Alina Sekretereva	Bridging Homogeneous and Electro- Catalysis: A Story of High-Potential Multicopper Oxidases			
S6O10	Petra Hellwig	Electrocatalytic Studies on Cytochrome bd Oxidase, a Bacterial Defense Factor			
S6O11	levgen Mazurenko	Electrochemical Investigation of Cu+ Oxidation by Multicopper Oxidases			
S6O12	Marcos Pita	Photobio-Electrocatalytic Production of H2 Using Fluorine- doped Tin Oxide (FTO) Electrodes Covered With CuGaS2 Semiconductor and NiFeSe Hydrogenase			

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S6O13	Panpan Wang	A Foldable Assembly of Photosystem I Monolayers Enables Improved Incident-Photon-to-Electron Conversion Efficiency in Biophotovoltaic Devices
		Poster presentations
S6P1	Jana M. Becker	Bioelectrochemical CO ₂ conversion using carbon monoxide dehydrogenase on gas-diffusion electrodes
S6P2	Giada Bedendi	Spectroelectrochemistry of the Nitrogenase-like Dark- Operative Protochlorophyllide Oxidoreductase (DPOR)
S6P3	Thiago Bertaglia	Hydrogel-Based Bioinspired Wearable Battery
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S6P7	Selmihan Sahin	Bioelectrocatalytic CO ₂ Reduction by Formylmethanofuran Dehydrogenase
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