

DETAILED PROGRAMME

Sunday, 27th of August

18:00—20:00

Welcome Reception
(Copernicus Bar, Radisson Blu, 11th floor)

Monday, 28th of August

CONCERTO I+II+III, 1ST FLOOR

09:00—09:30

Opening
Konrad Czerski (University of Szczecin, Poland)

09:30—10:05	Jean-Paul Biberian VEGATEC, France	S.1.1 Excess Heat in Nano Particles Based on Hydrotalcites
10:05—10:30	Jirohta Kasagi Tohoku University, Japan	S.1.2 Photon radiation calorimetry for anomalous heat generation in NiCu multilayer thin film during hydrogen gas desorption
10:30—10:55	Melvin Miles University of La Verne, USA	S.1.3 Helium-4 as a Measurement of Excess Power in the Palladium-Deuterium System
10:55—11:20	Kang Zhou Zhejiang University, China	S.1.4 [VIRTUAL] The role and mechanism of anomalous heat generation during earthquakes and its implications for regional geothermal resources

Coffee Break, 11:20—11:50 (FOYER, 1ST FLOOR)

CONCERTO I+II+III, 1ST FLOOR

11:50—12:15	Francis Tanzella Energy Research Center LLC, USA	S.2.1 Total Calorimetry (“from the wall”) in a Brillouin Reactor
12:15—12:40	Takehito Itoh Tohoku University, Japan	S.2.2 [VIRTUAL] Photon Radiation Analysis for Spontaneous Heat Burst during Hydrogen Desorption from Nano-sized Metal composite
12:40—13:05	Mitchell Swartz JET Energy, Inc., USA	S.2.3 [VIRTUAL] Road to High Incremental LANR Power Gain
13:05—13:30	Dimiter Alexandrov Lakehead University, Canada	S.2.4 Critical Temperature Required and Experimental Proofs about Cold Nuclear Fusion Reactions in Constantan

Lunch Break, 13:30—14:30 (RESTAURANT, GROUND FLOOR)

CONCERTO I+II+III, 1ST FLOOR

14:30—14:55	Shinya Narita Iwate University, Japan	S.3.1 [VIRTUAL] Heat Measurement in Hydrogen Desorption Experiment Using Pd Foil Coated with Ni Membrane
14:55—15:20	David Nagel George Washington University, USA	S.3.2 Surprising Correlation between Peaks in LENR Transmutation Data and Deuteron Fusion Screening Data
15:20—15:45	Vladimir Vysotskii Taras Shevchenko National University of Kyiv, Ukraine	S.3.3 Stimulation of efficient low energy tritium fusion under the action of a weak undamped thermal wave on remote TiD target
15:45—16:10	Harishyam Kumar Indian Institute of technology, Kanpur, India	S.3.4 [VIRTUAL] Low energy nuclear fusion at second order in perturbation theory

Coffee Break, 16:10—16:40 (FOYER, 1ST FLOOR)

CONCERTO I+II+III, 1ST FLOOR

16:40—17:05	Florian Metzler Massachusetts Institute of Technology, USA	S.4.1 Probing neutrons and purported fission daughter products from gas-loaded, laser-irradiated metal-hydrogen targets
17:05—17:30	Tomotaka Kobayashi Waseda University, Japan	S.4.2 [VIRTUAL] Anomalous temperature increases in single-component metal powder exposed to pulsed high-pressure hydrogen gas: fundamental experiments for high power focusing engine
17:30—17:55	Francesco Celani Istituto Nazionale di Fisica Nucleare, Italy	S.4.3 The role of electric pulse shape on the generation of AHE in surface-modified Constantan, at high temperatures and under Hydrogen or Deuterium gases

**EXTRAORDINARY GENERAL MEETING OF THE ISCMNS (Members only),
18:30—21:00 (CONCERTO I+II+III, 1ST FLOOR)**

Tuesday, 29th of August

CONCERTO I+II+III, 1ST FLOOR		
09:00—09:35	Yasuhiro Iwamura Research Center for Electron Photon Science, Tohoku University, Japan	<i>S.5.1 Elemental analysis and quadrupole mass spectrometry towards the clarification of anomalous heat generation observed in Ni-based nano-multilayer metal composite and hydrogen gas</i>
09:35—10:00	Lawrence Forsley NASA GRC/GEC/UT Austin, USA	<i>S.5.2 [VIRTUAL] Plasma-induced electron screening at the Bragg Peak</i>
10:00—10:25	Sveinn Ólafsson Science Institute University of Iceland, Iceland	<i>S.5.3 Time of Flight Characterisation of Laser Accelerated Hydrogen Rydberg Matter Absorbed in Tantalum foil</i>
10:25—10:50	Rakesh Dubey Institute of Physics, University of Szczecin, Szczecin, Poland	<i>S.5.4 Electron observation benchmarking for solid-state DD fusion experiments at thermal energies</i>

Coffee Break, 10:50—11:20 (FOYER, 1ST FLOOR)

CONCERTO I+II+III, 1ST FLOOR		
11:20—11:45	Konrad Czarski University of Szczecin, Poland	<i>S.6.1 Proton induced nuclear reactions at thermal energies</i>
11:45—12:10	Ali Ihsan Kilic The University of Eskişehir, Faculty of Science, Department of Physics, Turkey	<i>S.6.2 Resonance structure in 4He showing material dependence of cross section at very low energies</i>
12:10—12:35	Narayan Behera Centre for Energy Research, SVYASA University, India	<i>S.6.3 [VIRTUAL] The quantum effects of vacuum polarization can significantly enhance the tunneling probability of deuterium nuclei to form helium nucleus in cold fusion</i>
12:35—13:00	Philippe Hatt Belgium	<i>S.6.4 Relationship Between Higgs Boson Mass And Neutron, Proton, And Electron Masses Strong Nuclear Interaction Explanation</i>

Lunch Break, 13:00—14:00 (RESTAURANT, GROUND FLOOR)

CONCERTO I+II+III, 1ST FLOOR		
14:00—14:25	N. Lynn Bowen Colorado Mountain College, USA	<i>S.7.1 An Examination of LENR Design Improvements, Based on the Recently Gained Understanding of the LENR Mechanism</i>
14:25—14:50	Andrew Gillespie Texas Tech University, USA	<i>S.7.2 New Mass Spectrometry, Calorimetry, and Tritium Extraction Instrumentation with Applications to Lattice-Confined Fusion Experiments</i>
14:50—15:15	Oleksii Ivanchuk Ukraine	<i>S.7.3 [VIRTUAL] Detection of LENR in Spark Plugs</i>
15:15—15:40	Gokul Das Haridas Institute of Physics, University of Szczecin, Poland	<i>S.7.4 Monte Carlo Geant 4 simulation for studying the DD reactions at thermal energies</i>

Poster Session, 16:00—17:00 (CONCERTO I+II+III, 1ST FLOOR)

Szczecin walking tour, 18:00—20:00

Advisory Committee Dinner (by invitation) 20:30—22:30

Wednesday, 30th of August

CONCERTO I+II+III, 1ST FLOOR

09:00—09:35	Peter Hagelstein Massachusetts Institute of Technology, USA	<i>S.8.1 Coherent nuclear dynamics for the nuclear part of LENR models</i>
09:35—10:00	Xingzhong Li Tsinghua University, China	<i>S.8.2 [VIRTUAL] A⁽¹³⁾—Law in Nuclear Transmutation of Metal Hydrides (II)</i>
10:00—10:25	Daniel Szumski USA	<i>S.8.3 Calibration of an Electrode-Energy Partition Model Using George Miley's Published Data</i>
10:25—10:50	Diadon Acs LENS Forum, USA	<i>S.8.4 Utilizing Machine Learning Techniques for In-Depth Investigation of Low Energy Nuclear Reaction (LENR and Lattice-Assisted Nuclear Reactions (LANR))</i>

Coffee Break, 10:50—11:20 (FOYER, 1ST FLOOR)

CONCERTO I+II+III, 1ST FLOOR

11:20—11:50	Tieshan Wang School of Nuclear Science and Technology, Lanzhou University, China	<i>S.9.1 Sub-Coulomb Barrier Light-Nuclei Fusion in Various Environments</i>
11:50—12:15	Natalia Targosz-Ślęczka University of Szczecin, Poland	<i>S.9.2 Nuclear reaction enhancements determined by means of direct and inverse kinematics in metallic environments</i>
12:15—12:40	Ben Barrowes USArmy CRREL, USA	<i>S.9.3 Morphological and Elemental Changes of Palladium Immersed in Deuterium under Laser Irradiation</i>
12:40—13:05	Sadie Forbes MIT, USA	<i>S.9.4 Low-level energetic ions from TiDx in ion beam experiments</i>

Lunch Break, 13:05—14:00 (RESTAURANT, GROUND FLOOR)

CONCERTO I+II+III, 1ST FLOOR

14:00—14:25	Aleksandra Cvetinović JSI, Slovenia	<i>S.10.1 Electron Screening in Palladium</i>
14:25—14:50	Bin-Juine Huang Advanced Thermal Devices (ATD), Inc., Konglin Group, Taiwan	<i>S.10.2 Anomalous gas emission from low-energy nuclear reaction of water</i>
14:50—15:15	Yuta Toba Waseda University, Japan	<i>S.10.3 [VIRTUAL] Optimization of gas-jet nozzle length for increasing anomalous heat generation due to metal composite nanopowder and hydrogen gas</i>
15:15—15:40	Prahlada Ramarao S-VYASA, India	<i>S.10.4 Exploring the Potential of Low Energy Nuclear Reactions (LENR)</i>

Coffee Break, 15:40—16:10 (FOYER, 1ST FLOOR)

CONCERTO I+II+III, 1ST FLOOR

16:10—16:35	Anissa Bey Extreme Light Infrastructure - Nuclear Physics (ELI-NP), "Horia Hulubei" National R&D Institute for Physics and Nuclear Engineering (IFIN-HH), Romania	<i>S.11.1 [VIRTUAL] Towards the Commissioning of a Laser-Electron-Driven Bremsstrahlung Gamma Source for Nuclear Isomer Studies at ELI-NP</i>
16:35—17:00	George Egely Egely Ltd., Hungary	<i>S.11.2 Test results of catalytic fusion</i>
17:00—17:25	Sebastian Domozlai Egely kft., Hungary	<i>S.11.3 Method for Measuring Input Power in Pulsed Electric Circuits</i>

Open Lecture "History of the Universe", Krzysztof Meissner Warsaw University, Poland

18:30—19:00 (THE AUDITORIUM, OPERA AT THE CASTEL)

Open Lecture "Cold Fusion: Past and Present", Florian Metzler Massachusetts Institute of Technology, USA

19:00—19:30 (THE AUDITORIUM, OPERA AT THE CASTEL)

Conference Dinner, 20:00—22:00 (O. GALLERY, OPERA AT THE CASTEL)

Thursday, 31th of August

CONCERTO I+II+III, 1ST FLOOR		
09:00—09:35	Theresa Benyo NASA Glenn Research Center, USA	<i>S.12.1 [VIRTUAL] LENR Products: Lattice Confinement Fusion (LCF), Fission, or Both?</i>
09:35—10:00	Edo Kaal Stichting Structured Atom Model, Netherlands	<i>S.12.2 Fusion and fission in LENR experiments as the underlying mechanism through the lens of the Structured Atom Model</i>
10:00—10:25	Shyam Sunder Lakesar Indian Institute of Technology Kanpur, India	<i>S.12.3 [VIRTUAL] Reliability of EDS when checking for transmutations</i>
10:25—10:50	Vladislav Zhigalov Satbayev University, Kazakhstan	<i>S.12.4 The movement of solid particles on the surface forms tracks of strange radiation</i>

Coffee Break, 10:50—11:20 (FOYER, 1ST FLOOR)

CONCERTO I+II+III, 1ST FLOOR		
11:20—11:45	Steven Krivit New Energy Times	<i>S.13.1 A Basic Introduction to the Widom-Larsen Theory</i>
11:45—12:10	Frank Gordon Inovl, Inc., USA	<i>S.13.2 Scaling up the Lattice Energy Converter (LEC) power output</i>
12:10—12:35	Robert Christian USA	<i>S.13.3 Making CMNS Mainstream</i>
12:35—13:00	Robert Greenyer Martin Fleischmann Memorial Project, United Kingdom	<i>S.13.4 Practical Applications of the Fractal Toroidal Moment</i>

Lunch Break, 13:00—14:00 (RESTAURANT, GROUND FLOOR)

CONCERTO I+II+III, 1ST FLOOR		
14:00—14:25	Thomas Grimshaw LENRGY, LLC, USA	<i>S.14.1 The Role of Cold Fusion in Securing the Habitability of the Earth</i>
14:25—14:50	Stephen Bannister University of Utah, USA	<i>S.14.2 On the edge of a revolution</i>
14:50—15:15	Jacques Ruer SFSNMC, France	<i>S.14.3 Energy for mankind in the next centuries - A role for LENR</i>

Coffee Break, 15:40—16:10 (FOYER, 1ST FLOOR)

CONCERTO I+II+III, 1ST FLOOR		
16:10—16:35	Maurizio Maggiore European Commission, Brussels, Belgium	<i>EU support of cold fusion research and other international projects</i>
16:35—17:00		<i>Discussion and Closing ceremony</i>

Visiting eLBRUS Laboratory of University of Szczecin 18:00—19:00