



17TH INTERNATIONAL
CONFERENCE OF YOUNG
SCIENTISTS ON ENERGY AND
NATURAL SCIENCES ISSUES

CYSENI 2021

GOES ONLINE ON 24-28TH MAY

PROGRAMME

DAY 1 (24TH MAY)
LIVE SESSION

MORNING SESSION

KEYNOTE SECTION (CHAIRMAN: EIMANTAS NENIŠKIS)

CONNECTION TO THE EVENT

TIME CEST
(GMT+2)

8:50 – 9:00

9:00 – 9:20

WELCOME (Eimantas Neniškis, Sigitas Rimkevičius (Director of Lithuanian Energy Institute), Arminas Varanauskas (Director of RTO Lithuania))

9:20 – 9:35

WELCOME from:

Ministry of Education, Science and Sport of the Republic of Lithuania,
vice-minister Gintautas Jakštas;

Ministry of Energy of the Republic of Lithuania,
vice-minister Albinas Zananavičius;

Representative of Kaunas Municipality,
Raimundas Endrikis;

9:35 – 9:40

CYSENI 2021 AGENDA

Eimantas Neniškis (Chairman of Organizing Committee of CYSENI 2021, Lithuanian Energy Institute, Lithuania)

9:40 – 10:15

DIRECT LASER INTERFERENCE PATTERNING: FROM BASICS TO INDUSTRIAL APPLICATIONS

Dr. Bogdan Voisiat (Senior Research Scientist at Dresden University of Technology, Germany)

10:15 – 10:50

CLIMATE MODELLING IN SUPPORT OF ADAPTING THE ENERGY SECTOR FOR FUTURE CLIMATE CONDITIONS IN NORTHERN EUROPE

Dr. Erik Kjellström (Professor at Swedish Meteorological and Hydrological Institute, Sweden)

10:50 – 11:25

CULTIVATION OF ENERGY CROPS IN MARGINAL SOILS – TECHNOLOGICAL, ENVIRONMENTAL, SOCIAL AND ECONOMIC OPPORTUNITIES AND RISKS

Dr. Ana Luisa Fernando (Associate Professor at Universidade NOVA de Lisboa, Portugal)

11:25 – 12:30

LUNCH

PROGRAMME

DAY 1 (24TH MAY)
LIVE SESSION

TIME CEST
(GMT+2)

AFTERNOON SESSION

KEYNOTE SECTION

12:30 – 13:05

PLASMONICS: FROM BIOSENSING TO NANOLASERS

Dr. Zigmantas Balevičius (Head of Plasmonics and Nanophotonics Laboratory, and Chief Researcher at Center for Physical Sciences and Technology, Lithuania)

13:05 – 13:40

DECARBONIZATION AND ELECTRIFICATION IN BALTIC COUNTRIES AND NORTHERN EUROPE

Tomi J. Lindroos (Senior Scientist at VTT Technical Research Center, Finland)

13:40 – 14:25

ADVANCED LASER SYSTEMS AT ELI BEAMLINES FACILITY: FROM 3 TW TO 10 PW

Dr. Roman Antipenkov (Deputy Head of the Allegra laser development group at ELI-Beamlines, Czech Republic)

14:25 – 15:00

SMARTER COMMUNITIES, A NEW PARADIGM FOR EUROPE

Paula Peiró García (Executive Coordinator of H2020 AURORAL Project, Spain)

15:00

CONCLUDING REMARKS OF THE FIRST DAY

25-28TH MAY

PARTICIPANTS-ONLY SESSION ON CYSENI.COM