

HORIZON 2020

CALL: H202-MSCA-RISE-2015

TOPIC: MSCA-RISE

PROPOSAL NUMBER: 691010

PROPOSAL ACRONYM: HUNTER

Advanced Humidity to Electricity Converter

Deliverable 5.8 "HUNTER project Conference"
WP5 "Corrective Actions"

Task 5.2 Coordination of the progress monitoring and risk assessment

Report

30 November 2019 (M48)

Contract delivery due date: 31/03/2019 (M40)

Actual delivery date of version n.1: 29/11/2019 (M48)

Actual delivery date of version n.2: 20/01/2020 (M50)

**Authors: Prof. Dr. Svitlana Lyubchyk
Dr. Andriy Lyubchyk**

<http://www.eng-odae2019.org/>

RISE Marie Skłodowska-Curie Projects CONFERENCE & SATELLITE WORKSHOPS

ODAE 2019

International Conference on Open Dialog in Applied Engineering: Recent Advances and New Frontiers



14-17 November 2019 Funchal, Portugal

<http://www.eng-odae2019.org/>

Nanomaterials – based innovative engineering solution to ensure sustainable safeguard to indoor air is the “NANOGUARD2AR” 696809 project H2020-MSCA-RISE-2015

Advanced Humidity to Electricity Converter is the “HUNTER” 691010 project H2020-MSCA-RISE-2015

Nanoporous and Nanostructured Materials for Medical Applications is the “NANOMED” 734641 project H2020-MSCA-RISE-2016

CONFERENCE & Satellite WORKSHOPS 2019 meeting H2020-MSCA-RISE-2015 690968, 601010 and H2020-MSCA-RISE-2016 734641 projects

Scope:

Open Dialog in Applied Engineering will bring together scientists and engineers around the world, to discuss the most recent development and trends in applied engineering and to disseminate the latest innovation resulted from the EU founded Marie Curie RISE projects HUNTER 691010, NANOGUARD2AR 690968 and NANOMED 734641.

ODAE addresses recent advance, progress proven practice and new frontiers in the listed topics, thus aimed at creation a forum/platform for interdisciplinary or multidisciplinary engineering dialog, to provide sustainability for the EU funded project/initiatives

TOPICS covered

- Materials Engineering
- Nanoelectronics
- Chemical Engineering
- Environmental Engineering
- Renewable Energy Engineering
- Nanomedicine
- Industrial Engineering Management
- Economics and Business

Conference and Workshop Organizers:

Prof. Dr. Svitlana Lyubchyk
NANOGUARD2AR 690968, Coordinator
NOVA.id.FCT, Associação para a Inovação e Desenvolvimento at Faculdade de Ciências e Tecnologia, Portugal E-mail: s.lyubchik@fct.unl.pt

Prof. Jose Oliveira Santos E-mail: p540@ulusofona.pt

Prof. Fernando Catarino

ULHT- UNIVERSIDADE LUSÓFONA, Portugal E-mail: fernando.catarino@ulusofona.pt

Dr. Segiy Lyubchyk

REQUIMTE, Faculdade de Ciências e Tecnologia, Universidade NOVA de Lisboa Portugal

E-mail: se.lyubchyk@fct.unl.com

Dr. Andriy Lyubchyk

HUNTER 691010, Coordinator

UNINOVA Instituto de Desenvolvimento de Novas Tecnologias, Portugal

E-mail: andrey.lyubchik@campus.fct.unl.pt

Prof. Joaquín Silvestre Albero

NANOMED 734641 Coordinator,

Department of Inorganic Chemistry, University of Alicante, Spain

E-mail: joaquin.silvestre@ua.es

Venue: hotel Savoy Palace, Av. do Infante 25, 9004-542 Funchal, Madeira

Conference Website: <http://www.eng-odae2019.org/>

Projects Websites <http://www.nanoguard2ar.eu/>; <http://hunter-greenenergy.com/>;
<http://www.nanomed-project.eu/>

**CONFERENCE & Satellite WORKSHOPS 2019 meeting H2020-MSCA-RISE-2015 690968,
601010 and H2020-MSCA-RISE-2016 734641 projects**

There are **41 Participants**, including team leaders, team's staff and invited persons/staff from other institutions (*see full List of the Participant, Annex 2 attached*)

from **23 academic organizations from 12 different countries: Portugal, France, Spain, Slovakia, Hungary, Netherland, Ukraine, Belarus, Moldova, Morocco, Russia and Kazakhstan.**

ACADEMIC



and **6 non-academic organization from Portugal, France, Moldova and Ukraine**

NON-ACADEMIC



There are **9 Plenary Lectures/Key Notes**, **24 Oral presentations**, including **3 young scientists oral presentations**, **3 Satellite Workshops with round tables discussions**, for the three conference's days.

CONFERENCE & Satellite WORKSHOPS 2019 meeting H2020-MSCA-RISE-2015 690968, 601010 and H2020-MSCA-RISE-2016 734641 projects



Thursday, November 14

19:00- 21:30 **Welcome Party + Registration**

Friday, November 15

8:30- 8:50 **Opening Address**
Prof. Dr. Jose Oliveira Santos ULHT- UNIVERSIDADE LUSÓFONA, Engineering Faculty, Dept. Industrial Management, PORTUGAL
Madeira Government & Industry Representatives
Dr.ª Filipa Azevedo- Diretora Invest Madeira, *Eng Luís Duarte Silva* -Presidente Xis Group, *Eng Jorge Dias Fernandes*: Diretor EXPEDITA, *Eng Jose Freitas*
Prof. Dr. Svitlana Lyubchyk, Project Coordinator, NOVA id FCT and REQUIMTE, Faculdade

8:50- 10:10 **Advance in Physics and Chemical Engineering**
Keynote 1:
Prof. Dr. Igor Lukyanchuk, Département de Physique, Université de Picardie Jules Verne, FRANCE
Nanoscale ferroelectrics for nanoelectronics
Keynote 2
Prof. Dr. Paulo Mota Department of Chemistry, Faculdade de Ciência e Tecnologia, Universidade Nova de Lisboa, PORTUGAL
Advance and Innovation in Chemical Engineering Materials and Processes
 Chair – Prof. Jose Oliveira Santos ULHT- UNIVERSIDADE LUSÓFONA, PORTUGAL

10:10- 10:40 **Coffee Break**

10:40- 12:00 **Advance in Environmental Engineering and Medicine**
Keynote 3
CEO Dr. Paulo Zaragoza Pedro, Ar Diagnostic Ltd., PORTUGAL
Aquaponics – How to grow vegetables and fish in harsh conditions
Keynote 4
Prof. Mikhail Erokin Laboratory of Influenza Evolutionary Variability, Department of Molecular Virology, Research Institute of Influenza, RUSSIAN FEDERATION
Antiviral drug design – the example of influenza
 Chair – Prof. Dr. Svitlana Lyubchyk, LAQV/REQUIMTE, FCT/UNL, PORTUGAL

12:00- 14:00 **Lunch**

<p>14:00- 15:30</p>	<p>Introduction to the Panel 1 discussion: Advance in Nanomaterials Engineering for Nanoelectronics, Renewable Energy application</p> <p>Keynote 5.</p> <p>CONCEPT “HUNTER” Main Developments, Current Progress & Perspectives <i>Dr. Andriy Lyubchyk, UNINOVA, Department of Materials, Faculdade de Ciência e Tecnologia, Universidade Nova de Lisboa, PORTUGAL</i></p> <p>Oral Presentation.</p> <p><i>Dr. Alexander Doroshkevich JINR Dubna State University, RUSSIAN FEDERATION & DIPE Donetsk Institute for Physics and Engineering UKRAINE</i></p> <p><i>Technology of adsorption electric generators</i></p> <p>Keynote 6.</p> <p><i>Prof. Daoud Mezzane Dept of Physics, Cadi Ayyad University, MORROCO</i></p> <p><i>Electromechanical and Electrocaloric Properties of Lead-Free BCT, BCZT and BCT-BCZT Ceramics</i></p> <p>Chair – Prof. Igor Lukyanchuk, Université de Picardie Jules Verne, FRANCE</p>
<p>15:30- 16:00</p>	<p>Coffee Break</p>
<p>16:00- 18:00</p>	<p>Panel 1: Nanomaterials, Nanoelectronics, Renewable Energy</p> <p>Chair – Dr. Andriy Lyubchyk, UNINOVA, FCT/UNL, PORTUGAL</p> <p>Oral Presentations</p> <p><i>Prof. Alexey Evstratov, IMT INSTITUT MINES-TELECOM, FRANCE</i> <i>Renewable energy sources based on continuous electric charge recovery from aqueous media</i></p> <p><i>CEO. Jacques Frisonroche SOLENE-R, FRANCE</i> <i>Urban waste water as electric charge provider</i></p> <p><i>Prof. Vitalii Ksenevich BSU- BELARUSIAN STATE UNIVERSITY, BELARUS</i> <i>Nonstoichiometric tin dioxide films: fabrication, properties and applications</i></p> <p><i>Prof. Miroslav Kulik JINR Dubna State University, RUSSIAN FEDERATION</i> <i>Rutherford Backscattering Spectrometry and nuclear reactions (RBS/NR) measurements in modern scientific research. Influence of Al ion implantation temperature on the atomic and chemical composition of the GaAs surface layer</i></p> <p><i>PhD Student Alisa Tatarinova JINR Dubna State University, RUSSIAN FEDERATION</i> <i>The Rutherford Backscattering Spectrometry in studying of the elemental composition of the generalized phase boundary of the functional layer of an adsorption electric generator based on ZrO₂ – nanopowders</i></p> <p><i>CEO, Dr. Mario Boucinha Blueorizon Lda, PORTUGAL</i> <i>NZEB...W.W.W.W.H.</i></p>
<p>19:30- 22:30</p>	<p>CONFERENCE DINNER</p>

Saturday, November 16

8:30- 10:10

Introduction to the Panel 2 discussion: Advance in Environmental Engineering

Keynote 7. Twin Presentation

CONCEPT "NANOGUARD2AR Innovation & Main Developments

Prof. Dr. Svitlana Lyubchyk, NOVA id FCT, Department of Chemistry, Faculdade de Ciência e Tecnologia, Universidade Nova de Lisboa, PORTUGAL

Full size prototype testing Current Progress

Eng. Dr. Joao Viegas, LNEC-Laboratório Nacional de Engenharia Civil, PORTUGAL

Oral Presentation.

CEO Dr. Paulo Zaragoza Pedro, Ar Diagnostic Ltd., PORTUGAL

Airborne Pathogens and Indoor Air Quality Current

Prof. Alexey Evstratov, IMT INSTITUT MINES-TELECOM, FRANCE

New processes and new materials for indoor air antimicrobial conditioning

Chair – Prof. Dr. Paulo Mota, Universidade Nova de Lisboa, PORTUGAL

10:10- 10:40

Coffee Break

10:40- 12:00

Panel 1: Advance in Environmental Engineering

Chair – CEO Dr. Paulo Zaragoza Pedro, Ar Diagnostic Ltd., PORTUGAL

Oral Presentations

Prof. Christophe Colbeau-Justin, LCP-Laboratoire de Chimie Physique, UPS-UNIVERSITÉ PARIS-SUD, FRANCE

Industrial Photocatalysis

Prof. Nikolai Poklonski BSU- BELARUSIAN STATE UNIVERSITY, BELARUS

Low-dimensional carbon systems vs. water vapor

Prof. Tatiana Strelakova School of Mental health and Neuroscience, Department of Neuroscience, Maastricht University, NETHERLANDS

Environmentally healthy water with optimal isotope content: a quest to re-visit our standards?

Twin Presentations

Environment and Health Risk Assessment

Prof. Dr. Svitlana Lyubchyk, NOVA id FCT, Department of Chemistry, Faculdade de Ciência e Tecnologia, Universidade Nova de Lisboa, PORTUGAL

Dr. Nina Taran, Bogomolets National Medical University, UKRAINE

12:00- 14:00

Lunch

14:00- 14:30	NANOMED Satellite Workshop Registration
14:30- 16:00	<p>Introduction to the Panel 3 discussion: Nanomaterials, Advance in NanoBioMedicine</p> <p>Keynote 8 <i>Prof. Jorge Rodriguez Navarro, Universidad de Granada, SPAIN</i> <i>Biomedical and environmental applications of metal organic framework based materials</i></p> <p>Keynote 9 <i>Prof. Francisco del Monte, Instituto de Ciencia de Materiales de Madrid, SPAIN</i> <i>Bioinspired Materials</i></p> <p>Chair – Prof. Joaquin Silvestre Albero, Department of Inorganic Chemistry, University of Alicante, SPAIN</p>
16:00- 16:30	Coffee Break
16:30- 18:00	<p>Panel 3: Nanomaterials, Advance in NanoBioMedicine</p> <p>Chair – Prof. Dr. Elisaveta Snezhkova, Palladin Institute of biochemistry of NAS of Ukraine, UKRAINE</p> <p>Oral Presentations</p> <p><i>Prof. Joaquín Silvestre Albero, Department of Inorganic Chemistry, University of Alicante, SPAIN</i> <i>Metal Organic Framework MOF-based materials for ophthalmological therapeutics</i></p> <p><i>Prof. Mikhail Eropkin Laboratory of Influenza Evolutionary Variability, Department of Molecular Virology, Research Institute of Influenza, RUSSIAN FEDERATION</i> <i>Biological effects of fullerenes and their derivatives studied in cell cultures</i></p> <p><i>Prof. Jakpar Jandosov Institute of Combustion Problems, REPUBLIC OF KAZAKHSTAN</i> <i>Novel hybrid enterosorbents with core-shell structure based on pectin and rice husk-derived biochar</i></p> <p><i>Dr. Volodymyr Chernyshenko Palladin Institute of biochemistry of NAS of Ukraine, UKRAINE</i> <i>Per oral application of activated carbon inhibits systemic blood coagulation activation in rats after X-ray irradiation</i></p> <p><i>Dr. Nina Taran, Bogomolets National Medical University, UKRAINE</i> <i>Nanotoxicity Assesment. Animal Mode Data</i></p>
20:00- 22:00	CONFERENCE Farewell Party, NANOMED Workshop Welcome Party

Sunday, November 17

Satellite Workshop NANOGUARD2AR

8:30- 10:30	<p>Panel 4: NANOGUARD2AR Round Table</p> <p><i>Prof. Dr. Svitlana Lyubchyk, Project Coordinator, NOVA id FCT, Portugal</i></p> <p><i>Speakers:</i></p> <p>Prof. Joao Viegas, LNEC-Laboratório Nacional de Engenharia Civil, PORTUGAL</p> <p>Prof. Dr. Svitlana Lyubchyk, LAQV/REQUIMTE, NOVA id FCT, PORTUGAL</p> <p>Prof. Dr. Paulo Mota, LAQV/REQUIMTE, NOVA id FCT, PORTUGAL</p> <p>Prof. Dr. Sergiy Lyubchyk, LAQV/REQUIMTE, NOVA id FCT, PORTUGAL</p> <p>Dr. Igor Danilenko, DIPE Department of the Material Science, UKRAINE</p> <p>Dr. Oxana Gorban, DIPE Department of the Material Science, UKRAINE</p> <p>CEO Dr. Paulo Zaragoza Pedro, AR DIAGNOS, PORTUGAL</p> <p>Prof. Fernando Catarino ULHT- UNIVERSIDADE LUSÓFONA, CICANT Centre for Research in Applied Communication, Culture, and New Technologies, PORTUGAL</p> <p>Prof. Christophe Colbeau-Justin, Université Paris-Sud, FRANCE</p>
10:00- 10:30	Coffee break
10:30- 11:30	Panel 4: Dissemination Actions, Project Sustainability Aspects discussion, Secondments plan implementation, Final Report preparation
11:30- 12:00	Closing Remarks: Looking Ahead

Sunday, November 17

Satellite Workshop HUNTER

9:00- 12:00

Panel 5: HUNTER Round Table

Dr. Andriy Lyubchyk, Project Coordinator, UNINOVA, Portugal

Speakers:

Dr. Alexandr Doroshkevich, DIPE Department of the Material Science, UKRAINE

Prof. Vitali Ksenevich, BSU BELARUSIAN STATE UNIVERSITY, BELARUS

Prof. Nikolay Poklonski, BSU BELARUSIAN STATE UNIVERSITY, BELARUS

CEO Dr. Mario Boucinha, Blueorizon Lda, PORTUGAL

CEO Jacques Frisonroche, SOLENE-R, FRANCE

Prof. Dr. Jose Oliveira Santos ULHT- UNIVERSIDADE LUSÓFONA, Engineering Faculty, Dept. Industria Management, PORTUGAL

Prof. Alexei Evstratov IMT Mines Ales, FRANCE

10:30- 10:30

Coffee break

18:00- 18:30

Panel 5: Dissemination Actions, Project Sustainability Aspects discussion, Secondments plan implementation, Final Report preparation

18:00- 18:30

Closing Remarks: Looking Ahead

Sunday, November 17

Satellite Workshop NANOMED

Detailed Program in an Annex 1

9:00- 12:00

Panel 6: Main Results discussion for three years project lifetime, Partners Interaction, Type of Knowledge transfer, Training, Secondments plan implementation, Deliverables preparation

NANOMED workshop Programme is attached in Annex

Prof. Joaquín Silvestre Albero, Project Coordinator, Universidad de Alicante, Spain

Speakers/Participants:

Dr. Juan Carlos Ivorra, Universidad de Alicante, SPAIN

Dr. Erika Jardim, Universidad de Alicante, SPAIN

Prof. Miroslava Vaclavikova, Institute of Geotechnics Slovak Academy of Sciences, SLOVAKIA

Prof. Tudor Lupascu, Institute of Chemistry of the Academy of Sciences of Moldova, MOLDOVA

Eng. Vladimir Rusanovschii, ECOSORBENT Ltd., MOLDOVA

CEO Oleg Borovetki, ECOSORBENT S.R.L, MOLDOVA

Dr. Kontantin Kozlov, TECNOLOGICA Ltd., UKRAINE

Prof. Krisztina Lazlo, Budapest University of Technology and Economics, HUNGARY

Dr. Volodymyr Chernyshenko, Palladin Institute of biochemistry, NAS of UKRAINE

Prof. Elisaveta Snezhkova, Palladin Institute of biochemistry of NAS of UKRAINE

Prof. Jakpar Jandosov Institute of Combustion Problems, REPUBLIC OF KAZAKHSTAN

10:15- 10:45

Coffee break

12:00- 14:00

Lunch NANOMED project

14:00- 17:00

Panel 7: Implementation roadmap discussion for forth project year, Partners Interaction, Samples Exchange, Knowledge transfer, Training, Events, Dissemination Actions, Secondments plan implementation

Prof. Joaquín Silvestre Albero, Project Coordinator, Spain

Dr. Juan Carlos Ivorra, Project Maager, Universidad de Alicante, SPAIN

20:00- 22:00

NANOMED project Dinner

Annex 1



H2020-MSCA-RISE-2016 Project Nr. 734641 Project Acronym: NanoMed

Funchal (Madeira)
Venue: Hotel Savoy Palace
WEB: <http://www.nanomed-project.eu/>

Detailed Program for 17 November, 2019

09:00 – 09:15 Short presentation

09:15 – 10:15 WP1: Sorbent Development. (UALI)

Details on tasks performed so far, the link with the secondments, as well as the status of the scientific deliverables and the milestones.

Discussion of the results

10:15 – 10:45 Coffee Break

10:45 – 11:15 WP2: Characterization and Optimization of Sorbent Performance (BME)

Details on tasks performed so far, the link with the secondments, as well as the status of the scientific deliverables and the milestones

Discussion of the results

11:15 – 11:45 WP3 Biomedical Evaluation of Sorbents. (IEPOR)

Details on tasks performed so far, the link with the secondments, as well as the status of the scientific deliverables and the milestones

Discussion of the results

12:00-14:00 Lunch

14:00 – 15:00 WP4 Communication and dissemination of Results: UALI (Joaquin Silvestre-Albero – UALI) Details on tasks performed, dissemination activities, secondments performed and missing, etc.

iv. Impact

- Dissemination of results and publications
- Communication activities to reach the general public

15:00 – 16:00 WP5: Management and reporting: Project manager (UALI)

i. Management

- Financial aspects
- Any proposed re-orientations of the networks' activities
- PR (including how the open access obligation for publications has been complied with)
- IP or any other issue related to the management and the implementation of the project

16:00 – 17:00 Open discussion & Questions: All consortium

20:00-22:00 NANOMED project Dinner

Annex 2

List of the Participant

BENEFICIARIES

1) BENEFICIARY

NOVA id FCT - ASSOCIACAO PARA A INOVACAO E DESENVOLVIMENTO DA FCT, PORTUGAL

Department of Chemistry, LAQV/REQUIMTE- Associated Laboratory on Green Chemistry, Faculdade de Ciência e Tecnologia, Universidade Nova de Lisboa

Prof. Dr. Svitlana Lyubchyk (Coordinator NANOGUARD2AR, **Key note**) Environmental Engineering

Prof. Dr. Paulo MOTA (**Key note**) Chemical Engineering, Green Chemistry

Dr. Sergiy Lyubchyk Green Chemistry, NanoMedicine

2) BENEFICIARY

UNINOVA - INSTITUTO DE DESENVOLVIMENT DE NOVAS TECNOLOGIAS, PORTUGAL

CENIMAT/I3N- Asociated Laboratory for Nanostructures, Nanomodelling and Nanofabrication) Faculdade de Ciência e Tecnologia, Dept of Material Science, Universidade Nova de Lisboa

Dr. Andriy Lyubchyk (Coordinator HUNTER, **Key note**) Material Science

3) BENEFICIARY

ULHT- UNIVERSIDADE LUSÓFONA, PORTUGAL

Engineering Faculty, CICANT - Centre for Research in Applied Communication, Culture, and New Technologies

Eng. Prof. José Oliveira Santos (Team Leader)

Industrial Management

Prof. Fernando Catarino

Applied Communication

4) BENEFICIARY

ULHT- UNIVERSIDADE LUSÓFONA, PORTUGAL

Department of Inorganic Chemistry, University of Alicante

Prof. Joaquín Silvestre Albero (Coordinator NANOMED **Invited Talk**) Chemical Engineering

Dr. Erika Jardim

Inorganic Chemistry

Dr. Juan Carlos Ivorra

Management

5) BENEFICIARY

LNEC - LABORATÓRIO NACIONAL DE ENGENHARIA CIVIL, PORTUGAL

Building Department, Acustics, Lighting, Building Component and Facilitis UNIT

Eng. Dr. João Godinho Viegas (**Key note**)

Civil Engineering, Ventilation

6) BENEFICIARY

IMT- INSTITUT MINES-TELECOM (IMT) FRANCE

ENSTIMA - Le Centre des Matériaux des Mines D'alès, IMT MINES ALES

Prof. Alexey Evstratov

Chemical Engineering

Prof. Michel Ruffieux

Valorisation des Innovations & Transfert de Technologie

7) BENEFICIARY

AR DIAGNOS -AR DIAGNOSTIC TECNOLOGIAS DE MONITORIZACAO E CONTROLO DO AR LDA

CEO Dr. Paulo Zaragoza Pedro (**Key note, Invited Talk**)
Engineering

Air Quality Control/Environmental

- 8) **BENEFICIARY**
NANOTECH- NANOTECHCENTER LLC, UKRAINE
 CEO Dr. Viktor Gorban **Solid State Physics**
- 9) **BENEFICIARY**
DIPE - DONETSK INSTITUTE OF PHYSICS & ENGINEERING named after O.O. GALKIN, NAS OF UKRAINE
DPM – Division of Physics of the Materials
 Dr. Igor Danilenko **Materials Physics**
 Dr. Oksana Gorban **Materials Science & ENG**
 Dr. Alexandr Doroshkevich **Materials Science & Applied Physics**
- 10) **BENEFICIARY**
UPS- UNIVERSITÉ PARIS-SUD, FRANCE
LCP-Laboratoire de Chimie Physique
 Prof. Christophe Colbeau-Justin (**Invited talk**) **Industrial Photocatalysis**
- 11) **BENEFICIARY**
 R.E.Kavetsky Institute of Experimental Pathology, Oncology And Radiobiology, National Academy of Sciences of Ukraine, **UKRAINE**
 Prof. Elisaveta Snezhkova (**Invited talk**) **Biochemistry, Nanomedicine**
- 12) **BENEFICIARY**
 Institute of Chemistry of the Academy of Sciences of Moldova, **MOLDOVA**
 Prof. Tudor Lupascu (Team Leader) **Chemistry, Engineering**
- 13) **BENEFICIARY**
 Budapest University of Technology and Economics, **HUNGARY**
 Prof. Krisztina Lazlo (Team Leader **Invited talk**) **Materials Science & Application**
- 14) **BENEFICIARY**
 Institute of Geotechnics Slovak Academy of Sciences, **SLOVAKIA**
 Prof. Miroslava Vaclavikova (Team Leader) **Geoscience, Engineering**
- 15) **BENEFICIARY**
 Blueorizon Lda, **PORTUGAL**
 CEO Dr. Mario Boucinha (**Invited talk**) **Civil Engineering**
- 16) **BENEFICIARY**
 SOLENE-R, **FRANCE**
 CEO Jacques Frisonroche (**Invited talk**) **Applied Engineering**
- 17) **BENEFICIARY**
 TECNOLOGICA, **UKRAINE**
 Dr. Kontantin Kozlov **Biotechnology**
- 18) **BENEFICIARY**
 ECOSORBENTS.R.L. **MOLDOVA**
 CEO Oleg Borovetki **Industrial Technology**
 Dr. Vladimir Rusanovschii (Team Leader) **Carbon Materials**

PARTNERS

19) PARTNER

BSU - BELARUSIAN STATE UNIVERSITY, BELARUS

DSPN – Department of the Semiconductor Physics and Nanoelectronics

Prof. Nikolay Poklonski (**Invited talk**)

Prof. Vitalii Ksenevich (**Invited talk**)

Materials Physics

Applied Physics

20) PARTNER

IPC Institute of Combustion Problems - KAZAKHSTAN

Prof. Jakpar Jandosov (**Invited talk**)

Organic and Physical Chemistry

INVITED (external) PARTICIPANTS

- | | |
|---|--|
| 1. Prof. Dr. Igor Lukyanchuk (Key note)
Verne | Dépt de Physique, Université de Picardie Jules
FRANCE |
| 2. Prof. Daoud Mezzane (Key note) | Dept of Physics, Cadi Ayyad University MOROCCO |
| 3. Prof. Mikhail Eropkin (Key note)
Influenza, RUSSIAN FEDERATION | Dept Molecular Virology, Research Institute of |
| 4. Prof. Jorge Rodriguez Navarro (Key note) | Universidad de Granada, SPAIN |
| 5. Prof. Francisco del Monte (Key note) | Instituto de Ciencia de Materiales de Madrid,
SPAIN |
| 6. Prof. Tatiana Strekalova (Invited talk)
Department of Neuroscience, Maastricht University, | School of Mental health and Neuroscience,
NETHERLANDS |
| 7. Prof. Elena Eropkina (Invited talk)
Influenza, RUSSIAN FEDERATION | Dept Molecular Virology, Research Institute of |
| 8. Prof. Miroslav Kulik (Invited talk)
FEDERATION | JINR Dubna State University, RUSSIAN |
| 9. Dr. Nina Taran | Bogomolets National Medical University, UKRAINE |
| 10. PhD Student Alisa Tatarinova (Invited talk)
FEDERATION | JINR Dubna State University, RUSSIAN |

SUMMARY

There were 41 Participants, including team leaders, team's staff and invited persons/staff from other institutions from 23 academic organizations from 12 different countries: Portugal, France, Spain, Slovakia, Hungary, Netherland, Ukraine, Belarus, Moldova, Morocco, Russia and Kazakhstan participated in 9 Plenary Lectures/Key Notes, 24 Oral presentations, including 3 young scientists oral presentations, 3 Satellite Workshops with round tables discussions, for the three conference's days.

It was discussed recent results obtained within HUNTER project implementation with wide scientific community from various fields of research including nanomedicine and biology. Thus, new connections were established, and several joint work and proposal submissions are expected for the following year 2020.

Information about event can also be found on hunter-greenenergy.com/category/events/