



POLIBA meets RUSSIA

Program

15 July 2019 – 21 July 2019

Arriving at Bari-Airport on 14th July. Flight S7635 h. 13.35. Autonomous transfer to Hotel (see Info attached)

DAY 1 – 15th July

- 8.³⁰ - 10.⁰⁰ Administrative Issues c/o Central Tax Agency for Social Security Number¹ at the address: Via Amendola, n. 201, 70126 Bari BA.
Important: the meeting point at 8.30 A.M. at Hotel Campus Reception.
- 10.⁰⁰– 13.⁰⁰ Opening Program
- Welcome address by prof. Nicola Giaquinto (Rector's delegate for ERASMUS Projects)
 - Administrative information and procedures by Dr. Rosilda Sammarco – Central Administration of Politecnico di Bari
- 13.⁰⁰– 15.⁰⁰ Lunch Time (free)
- 15.⁰⁰– 18.⁰⁰ Free visits/meetings – exchange contacts

DAY 2 – 16th July

- 9.⁰⁰– 10.⁴⁵ Lecturers' Presentations – Class-room n. 9
Chairman: **Prof. Dr. Guido Maione**, representative of DEI Dept.
- 9.00–9.15
Welcome address by **Prof. Dr. Nicola Giaquinto**, Rector's Delegate for Erasmus+ Programme and Internationalization of Education
 - 9.15–10.00
“*Technical Diagnostics and Non-destructive Testing of Electrochemical Power Sources*”
Prof. Dr. EVGENII DENISOV, Affiliation KNRTU-KAI - Kazan National Research Technical University, Russian Federation
 - 10.00–10.45
“*Electromagnetic compatibility: Engineering with EMC in mind*”
Prof. Dr. VEDENKIN DENIS, Affiliation KNRTU-KAI – Associate Prof. Dept. Radio Electronics and Information-Measuring Techniques
- 11.⁰⁰– 13.⁰⁰ **Visit of “Scianatico” Industry-Research Labs – Prince (Electrical Energy Systems)**
- Welcome address by Rector-Elect **Prof. Francesco CUPERTINO** (or his delegate)
- 13.⁰⁰– 15.⁰⁰ Lunch Time (free)
- 15.⁰⁰– 18.⁰⁰ Lecturers' Presentations – Class-room n. 9
Chairman: **Prof. Dr. Guido MAIONE**, representative of DEI Dept.

¹ The group should be autonomously reach the Agency Tax Offices for administrative issues (CODICE FISCALE) needed to sign the contract with Poliba Administration



- 15.00– 15.45
“*Distributed measuring and control systems*”
Prof. Dr. ALEKSANDR KIRSANOV, Affiliation KNRTU-KAI – Associate Prof. in Institute of Radio-Electronics and Telecommunications/Dept. Radio Electronics and Information-Measuring Techniques
- 15.45– 16.30
“*Measurement systems based on quartz piezoresonance sensors*”
Prof. Dr. RAFAEL SAGDIEV, Affiliation KNRTU-KAI – Assistant Prof. in Dept. Radio Electronics and Information-Measuring Techniques
- 16.30–17.15
“*Database Normalization*”
Prof. Dr. NATALIA VALITOVA, Affiliation KNRTU-KAI – Associate Prof. in Dept. Of Applied Mathematics and Computer Science
- 17.15–18.00
“*Fuzzy sets in knowledge representation problem in control systems*”
Prof. Dr. ELZA TAKHAVOVA, Affiliation KNRTU-KAI – Associate Prof. in Institute of Computer Technologies and Information Protection/Automated System for Information Processing and Control Dept.

DAY 3 – 17th July

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- 9.³⁰– 13.⁰⁰ Visit to the Coastal Engineering Laboratory (LIC) – DICATECh
- 9.³⁰– 9.⁴⁵ Welcome address by **Prof. Michele MOSSA**, Chief Scientist of the LIC
 - 09.⁴⁵– 10.⁰⁵ “Activity of Costal Engineering Laboratory (LIC)”
Eng. **Luigi PRATOLA** or Eng. **Alessandra SAPONIERI**, - LIC – DICATECh
 - 10.⁰⁵– 10.¹⁵ “LIC and its international network” by **Prof. Leonardo DAMIANI** (DICATECh)
 - 10.¹⁵– 11.¹⁵ Visit Tour
 - 11.¹⁵– 12.¹⁵ Discussion and exchange contacts
 - 12.¹⁵ Return to Polytechnic University of Bari
- 13.⁰⁰– 15.⁰⁰ Joint Lunch Time – Ristorante “Osteria da Mario”, Via Toma.
- 15.⁰⁰– 18.⁰⁰ Lecturer’ s Presentations – Counsil Room of DICATECh
Chairman: **Prof. Michele FIORENTINO** (rappresentative of DMMM).
- 15.⁰⁰– 15.¹⁰ Welcome address by **Prof. Umberto FRATINO** – Director of DICATECh Dept.
 - 15.¹⁰– 15.³⁰ “*Diagnostics and improving the reliability of equipment and technical systems*”
Prof. MALOZEMOV Boris, Associate professor of the Department of Electrical Engineering Complexes (Faculty of Mechatronics and Automation)
 - 15.³⁰– 16.⁰⁰ “*An Equipment for checking helicopter electronic system and test tail transmission*”.
Prof. PANKRATS Yury, Associate professor of the Department of Electric Drive and Automation of Industrial Plants (Faculty of Mechatronics and Automation)
 - 16.⁰⁰– 16.³⁰ “*VR technology applications*”
Prof. TOMILOV Ivan, Head of the Department of Automated Control Systems (Faculty of Automation and Computer Engineering)



- 16³⁰– 17⁰⁰ “Automation in human-computer interaction (HCI) and usability engineering”
Prof. BAKAEV Maxim, Associate professor of the Department of Automated Control Systems (Faculty of Automation and Computer Engineering)
- 17⁰⁰– 17³⁰ “Cluster approach in IT’s education in Electronics Devices Department”
Prof. MAKUKHA Vladimir, Head of the Department of Electronic Devices (Faculty of Radio Engineering and Physics)
- 17⁰⁰– 18⁰⁰ *Developed analysis methods for calculating power circuits (methods of algebraization and differential equations by Zinoviev G.S.)*
Prof. UDOVICHENKO Alexei, Associate professor of the Department of Electronics and Electrical Engineering

DAY 4 – 18th July

9³⁰– 13⁰⁰ Lecturer’ s Presentations – Counsil Room of DICATECh

Chairman: **Prof. Piero Mastrorilli**, DICATECh

- 9³⁰– 9⁴⁰ Welcome address by **Prof. Claudia VITONE**, Coordinator of Erasmus + Program for DICATECh
- 9⁴⁰– 10¹⁵ “Methods to reduce emissions of thermal power plants and the disposal of waste ash and slag, developed at the Department of Environmental Engineering Problems”
Prof. LARICHKIN Vladimir, Head of the Department of Environmental Engineering Issues Faculty of Aircraft Engineering)
- 10¹⁵– 10⁴⁵ *Multiscale Modeling and Simulation of Heterogeneous Catalytic Reactors*
Prof. VERNIKOVSKAYA Nadezhda - Associate professor of the Department of Environmental Engineering Issues (Faculty of Aircraft Engineering), Institute of Catalysis
- 10⁴⁵– 11¹⁵ “Chemical and heat treatment of carbon nanomaterials: Transformations, properties, and applications.”
Prof. BANNOV Alexander, Associate Professor of the Department of Chemistry and Chemical Technologies (Faculty of Mechanical Engineering)
- 11¹⁵– 11⁴⁵ “Advanced methods of investigation in materials science title of presentation- Structure and properties of multilayer composites”
Prof. OGNEVA Tatiana, Associate professor of the Department of Materials Science in Machine-Building (Faculty of Mechanical Engineering)
- 11.45– 12.15 “Interdisciplinary approach to the tasks of industrial ecology. Ensuring the sustainability of global and local development of society.”
Prof. LARICHKIN Vladimir, Head of the Department of Environmental Engineering Issues (Faculty of Aircraft Engineering)
- 12¹⁵– 12⁴⁵ “Graphite and related materials: from micro- to nanoscale.”
Prof. BANNOV Alexander, Associate Professor of the Department of Chemistry and Chemical Technologies (Faculty of Mechanical Engineering)

13⁰⁰– 15⁰⁰ Lunch Time (free)

15⁰⁰– 16³⁰ Visit of Chemistry and Technological Chemistry Laboratory
Welcoming greetings by **Prof. Maria Michela Dell ‘Anna**.