

## **Workshop on ACeSYRI: Modern Experience for PhD students and Young Researchers**

Representatives of University of Žilina on June 22-24, 2021 organized the 3-days workshop on ACeSYRI: Modern Experience for PhD students and Young Researchers. This workshop was held on MS Team - online platform of University of Žilina. The workshop was organized in accordance with WP 4.2. “*International support of ACeSYRI*”.

The ACeSYRI workshop holds simultaneously takes place during the conference *Information and Digital Technologies (IDT 2021)*. IDT 2021 provides a forum for presentation and discussion of scientific contributions covering the theories and methods in the field of information and digital technologies, and their application to a wide range of industrial, civil and social sectors and problem areas.

This ACeSYRI workshop is intended for PhD students, young researchers, their scientific advisors, and educators from different countries. The main goal of the workshop is to approbate presentation skills of young researchers, to establish and to expand international contacts and co-operation of young researchers from Partner Countries with potential foreign co-advisors. ACeSYRI project results have been presented at this workshop. The young researchers presented at the workshop with their lectures about their scientific research. We expect that this workshop will be useful for the establishment and expansion of international contacts and the cooperation of young researchers.

The ACeSYRI workshop program is divided into two essential parts. The first part contents one Plenary section and three regular Sections that cover numerous aspects of Informatics. Two presentations of young researchers from University of Žilina were selected for Plenary section:

- *Reliability analysis based on the logic differential calculus* by Dr. Patrik Rusnák;
- *Reliability analysis of non-coherent system* by Dr. Peter Sedláček.

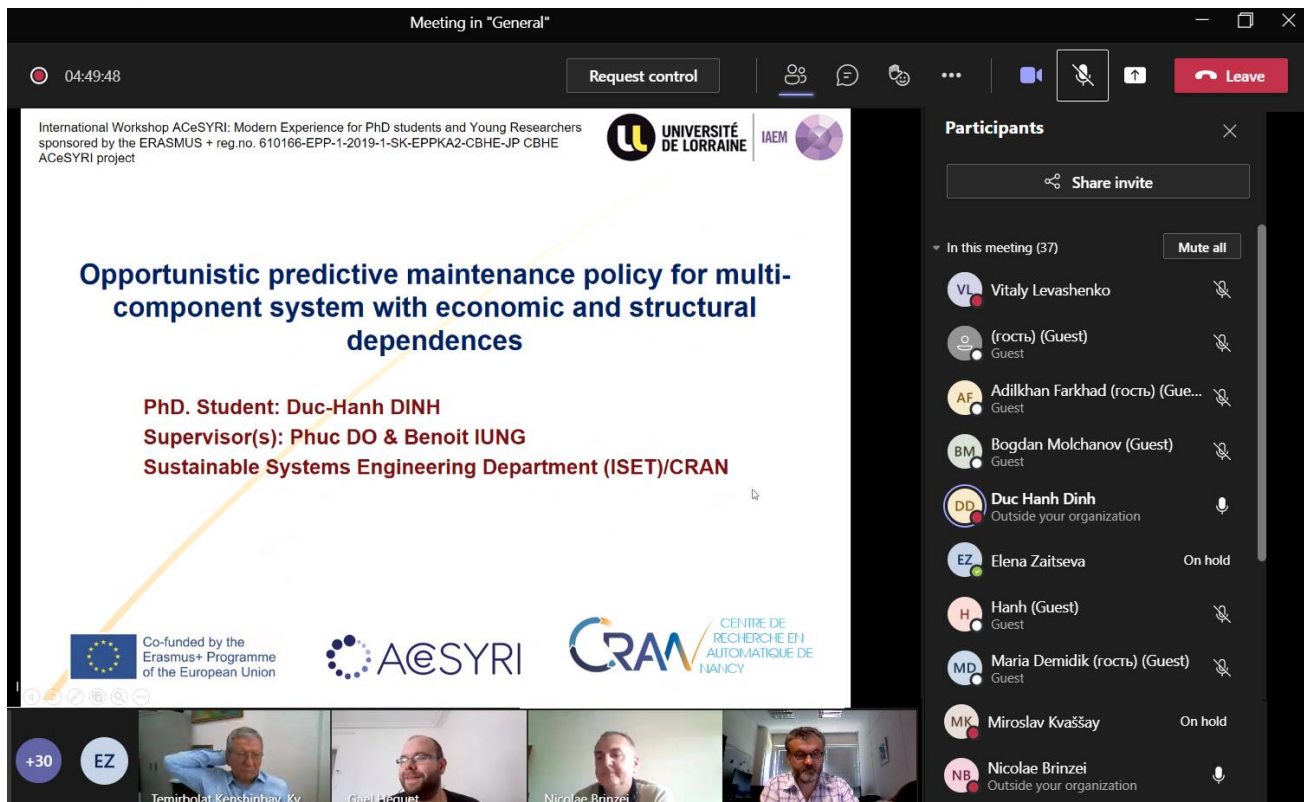
Twenty-six young researchers from Kazakhstan, France, Slovakia, Belarus, Russia, and Ukraine have been selected for present their results in this part. These researchers were recommended by members of the Program Committee of the workshop. We expect that these presentations will be published on the ACeSYRI website. The event’s program is available at [https://idt.fri.uniza.sk/index.php?clanok=workshop\\_acesyri](https://idt.fri.uniza.sk/index.php?clanok=workshop_acesyri).

The second part includes the IDT 2021 Conference. More than 65 reports of famous and young researchers from different countries (Belarus, Canada, Czech Republic, Finland, France, Germany, Hungary, Italy, Kazakhstan, Poland, Russia, Slovakia, Slovenia, Spain, Turkey, Ukraine, United Kingdom, and USA) have been selected in this part. These researchers presented their own achievements in Bio-Medical and Information Technologies, Information Systems, Artificial Intelligence, Communication, Reliability and Safety Technologies, etc. Young researchers have possibility to introduce with modern trends in IT. In addition to nine regular Sections, the next invited lectures have been presented at the fourth Plenary Sections:

- *Analyzing physical activity data collected with accelerometers* by prof. Timo Jämsä (University of Oulu, Finland);
- *Optimization of Convolutional Neural Networks* by dr. Martin Lukac (Nazarbayev University, Nursultan, Kazakhstan);
- *Infinite Petri Nets for Cybersecurity of Intelligent Networks, Grid, and Clouds* by prof. Dmitry Zaitsev (Supercomputación Castilla y León, Spain);
- *Cognitive systems for smart applications*, by prof. Kor Ah-Lian (University of Leeds, UK);
- *Novel WSN Protocols for Health Care and Critical Applications*, by dr. Korhan Cengiz (Trakya University, Edirne, Turkey).

Different presentations of PhD students, young researchers, and University' teachers were presented in the workshop. More than 125 participants took part at this 3-days workshop. Near 65 of them were young researchers. 85 presentations were discussed at five Plenary, twelve regular Sections, and one Industrial Section. Some papers of young researchers were recommended for publications at the open-access *Central European REsearch (CERES) Journal*. Several of the best papers were published at the IDT conference proceedings. We expect that this proceeding will be registered at well-known repositories *IEEE Explorer* and *Scopus*.

We are sure that participation at this event increased the potential of young researchers from European and Kazakhstan Universities. We are going to continue this workshop at the other IDT conferences.



Meeting in "General"

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UNIVERSITÉ DE LORRAINE IAEM

**Opportunistic predictive maintenance policy for multi-component system with economic and structural dependences**

**PhD. Student: Duc-Hanh DINH**  
**Supervisor(s): Phuc DO & Benoit IUNG**  
**Sustainable Systems Engineering Department (ISET)/CRAN**

Co-funded by the Erasmus+ Programme of the European Union

ACeSYRI

CRAN CENTRE DE RECHERCHE EN AUTOMATIQUE DE NANCY

Participants

Share invite

In this meeting (37) Mute all

- Vitaly Levashenko
- (гость) (Guest)
- Adilkhan Farkhad (гость) (Guest)
- Bogdan Molchanov (Guest)
- Duc Hanh Dinh (Outside your organization)
- Elena Zaitseva (On hold)
- Hanh (Guest)
- Maria Demidik (гость) (Guest)
- Miroslav Kvařšay (On hold)
- Nicolae Brinzei (Outside your organization)

Temirbolat Kenshinbay, Ky... Gael Hequet Nicolae Brinzei