



## Background

Telematics applications benefit from the tremendously increasing capabilities in web technology, telecommunication, machine-to-machine communication, and information processing. The concepts of Cyber Physical Systems, Industrial Internet and of Internet of Things enlarge the scope of classical remote control and offer several new applications. However, beyond sound reference examples of new technology one needs appropriate theory, methods, proof of concepts and industrial standardization as well. All these aspects are within the scope of the 6th IFAC Symposium on Telematics Applications. The symposium, through its technical program, will provide a unique opportunity for the academic and industrial community to formulate new challenges, share solutions and discuss future research directions.

## Scope

This Symposium considers all aspects of communication-based automatic control and network systems. Both colleagues from academia and from industry are cordially invited to contribute to this tri-annual symposium. Topics of interest are:

- telematic methods, mathematics of networked systems
- control through networks, control of networks
- cyber physical systems, cyber physical production systems, internet of things
- industry 4.0, digitalization of industrial production
- interoperability for distributed systems
- machine to machine communications, intelligent-defined networking, green networking
- traffic control systems, smart and networked cars
- aerospace, space
- intelligent homes and ambient intelligence
- smart grids for energy supply
- mobile sensor networks, remote sensor data acquisition
- tele-robotics, networked robots, cloud robotics
- spacecraft operations, distributed networked satellites
- tele-operations, remote control, tele-maintenance
- tele-education

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## Contact

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## Schedule

Paper submission deadline	April 18, 2022
Invited session proposals	April 18, 2022
Notification of acceptance	April 29, 2022
Camera-ready papers	May 18, 2022
Early registration deadline	May 18, 2022

## Committees

### National Organizing Committee (NOC)

General Chair: Jean-Philippe Georges (FR)  
Vice Chair: Karl Andersson (SE)  
Vice-Chair from Industry: Jérémy Robert (LU)

### International Program Committee (IPC)

IPC Chair: Lei Ma (CN)  
IPC Co-chair: Thierry Divoux (FR)  
Editor: Hind Bril El-Haouzi (FR)

## Submission guidelines

All submitted papers must be written in English and are limited to 6 pages. For further instructions of paper submission please refer to <https://www.ifac-control.org/events/author-guide>. Information for authors and copyright conditions are available at <http://ta22.cran.univ-lorraine.fr>. All submissions must be done through the IFAC Conference Manuscript Management System website at <https://ifac.papercept.net/>.

Please visit <http://ta22.cran.univ-lorraine.fr> if you plan to organize an invited session at IFAC TA 2022.

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## Summer school

In association with the Erasmus+ project "GrEen NetworkIng And cLoud computing" GENIAL (<https://genial.univ-lorraine.fr>), a summer school is organized jointly with the conference. More information will be available later.