

Preliminary program

SEMINAR “SMART CITIES”
October 23, 2019, 10 am - 6 pm
MGSU, Moscow, Yaroslavskoye Sh. 26

At the seminar, representatives of the academic community and industry of Russia and Germany will discuss the experience and prospects of creating and effective use of urban cyber physical systems, including regulatory issues, the choice of technological platforms for digitalization of the economy, regional development with the use of modern and advanced information technologies. The seminar participants will talk about the experience in achieving the goals of the National program “Digital economy of the Russian Federation” and National projects “Housing and urban environment” and “Science”.

10.00 **Registration of participants**
Welcome Coffee

10.30 **Opening ceremony**

Moderator: *Pavel Chelyshkov, DSc, Head of Department for Automation and Electric Supply*

- DSc, Prof. Andrey Volkov, Acting Rector, National Research Moscow State University of Civil Engineering (MGSU)
- Dr. Andreas Hoeschen, Director, DWIH Moskau

Key presentations

11.00 Prof. Andrey Volkov, DSc, Acting Rector of MGSU, Russia

Title: *Smart city: global progress in science and technology*

12.00 Prof. Dr.-Ing./Univ. Tokio Thomas Bock, Technische Universität München

Title: *On robotic industrialization for housing and urban environment*

13.00 **Lunch**

14.00 **Round table. Panel discussion**

Moderator: *Pavel Chelyshkov, DSc, Head of Department for Automation and Electric Supply*

14:00-14:15 Prof. Alexey Bulgakov, Technische Universität Dresden, Germany

Title: *Cyber-physische Systeme zur Diagnose von elektrischen Servoantrieben für Smart Häuser*

14:15-14:30 Pavel Chelyshkov, DSc, Head of Department for Automation and Electric Supply

Title:

14:30-14:45 Prof. Dr.-Ing. Christian Koch, Chair of Intelligent Technical Design, Bauhaus University Weimar, Germany

Title: *Building Information Modelling for Mechanised Tunnelling*

14:45-15:00 Sergey Volkov, Head of the Department, Department of Organization of Experimental Design and Construction, GBU “Mosstroyazvitie”

Title:

15:00-15:15 Isabella R. Jesemann M.A., M.A., Business Development, Strategic Solutions and Support for Startup Ecosystems, Fraunhofer IAO, Germany

Title: *Startup Programs towards Increasing Innovation within Smart Cities*



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ПАРТНЕРСТВ



- 15:15-15:30 Kirill Malyk, JSC “MZTA”, Russia
Title: *Automation and scheduling as necessary conditions for ensuring energy efficiency of city infrastructure facilities*
- 15:30-15:45 Industry representative
Title:
- 16.00** **Tour of the research and educational centers and laboratories of the MGSU**
- 17:00** **Dinner**