

**Russian State Scientific Center
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**Presentation of new competence Extreme Robotics in the frame of WorldSkills
Russia Junior Development in Saint-Petersburg**

November 2, 2017, 14:00 – 17:00

State-Financed Institution of Supplementary Education – Technical Activity and
Information Technologies Center for Children and Young People
in Pushkin district of Saint-Petersburg
12, Naberezhnaya ul., Pushkin, Saint-Petersburg, Russia

AGENDA

Opening:

Dmitry Kovalev, Director of State-Financed Institution of Supplementary Education –
Technical Activity and Information Technologies Center for Children and Young
People in Pushkin district of Saint-Petersburg

1. New approaches to organization of occupational guidance for schoolchildren in conditions of Industry 4.0 development.

Speaker: Dmitry Kovalev, Director of State-Financed Institution of Supplementary Education – Technical Activity and Information Technologies Center for Children and Young People in Pushkin district of Saint-Petersburg.

2. Junior movement WorldSkills Russia as a framework for professional development of children and youth along various trajectories.

Speaker: Natalia Gubkova, Chief Specialist of Education Development Department in Saint-Petersburg Education Committee.

3. New possibilities in programming of mobile robot on the base of LEGO EV3.

Speaker: Maksim Alekseev, Head of Student Design and Technical Bureau of RTC.

4. Brains, bots and builders – Mirnova Academy and its «STEM» program with robotics serving challenged youth and creative mentors.

Speakers: Dr. Martin Dudziak, Scientific Director of Institute for Innovative Study, Marianna Tsepeleva, Director of Mirnova Academy.

5. Roundtable “New competence Extreme Robotics in the frame of WorldSkills Russia Junior”.

Moderators: Dmitry Kovalev, Director of State-Financed Institution of Supplementary Education – Technical Activity and Information Technologies Center for Children and Young People in Pushkin district of Saint-Petersburg, Dr. Boris Spasskiy, Head of Strategic Analysis and Technology Forecasting Sector of RTC.

6. Workshop and open class on mobile robots programming.

Presenter: Maksim Alekseev, Head of Student Design and Technical Bureau of RTC.

The presentation of the polygon for robotic competitions, mobile robots created by students, workshop on 3D modeling will be held during the event.