



HANDS ON
TECHNOLOGY

ROBOTICS, SCIENCE AND TECHNOLOGY UNITE STUDENTS FROM ALL OVER THE WORLD

The **FIRST® LEGO® League Open Invitational Central Europe (#fllopen2018)** in Debrecen, Hungary on 16-19 May, 2018 is the seasonal highlight of the world wide robotic and research tournament **FIRST® LEGO® League**.

Germany, Leipzig, February 2018. Of more than 30.000 teams participating globally, the best 72 teams from more than 50 countries will meet and compete at the **FIRST® LEGO® League Open Invitational Central Europe**. Approximately 700 participants will present their robots, research innovations as well as teamwork skills to an international group of judges and referees.

The non-profit organization **HANDS on TECHNOLOGY** organizes the intercultural 4-day event in partnership with the company **National Instruments Hungary**. The tournament combines fun activities and parties with a friendly competition. In a fair and sporty atmosphere, the best robots, research projects as well as team performances are shown. Every participating team passed several qualifying events in their home country to prove that they are amongst the strongest ones in the world.

FIRST® LEGO® League consists of three parts: In the practical part, teams build and program a robot based on LEGO® Mindstorms technology. The robot acts autonomously in order to solve tricky missions on a playing field with specific construction models. In the theoretical part, teams propose an individual research question and develop innovative solutions. Besides, Core Values such as teamwork, cooperation and involvement, are an essential component of the educational program.

FIRST® LEGO® League was invented by the American association **FIRST® (For Inspiration and Recognition of Science and Technology)** and LEGO® and is a global educational program. It is carried out in 88 countries all over the world.

Organizers

The non-profit organization **HANDS on TECHNOLOGY**, located in Leipzig, Germany, is exclusively hosting the educational program **FIRST® LEGO® League** in Central Europe (A, CH, CZ, D, HU, PL, SK). The aim is to encourage children and youngsters aged between 9 and 16 to get in contact with complex technologies and real-world issues in a playful way.

With the **FIRST® LEGO® League Open Invitational Central Europe** **HANDS on TECHNOLOGY** brings young scientist and engineers together and offers them the chance to gain a once-in-a-life-time experience.

National Instruments Hungary, located in Debrecen, Hungary is a very dedicated co-operational partner of HANDS on TECHNOLOGY. For the *FIRST*[®] LEGO[®] League Open Invitational Central Europe National Instruments is providing financial, staff and technology support.

Event Schedule

May 16, 2018: Welcome Party (*for registered teams, visitors and volunteers*)
May 17, 2018: Opening Ceremony (*public*)
Friendship Night (*for registered teams and visitors*)
Volunteer & VIP Dinner (*as per invitation*)
May 18, 2018: Tournament Day 1 - Robot Games, Judging Sessions (*public*)
Science Party (*for registered teams, visitors and volunteers*)
May 19, 2018: Tournament Day 2 - Robot Games, Judging Sessions (*public*)
Closing & Awarding Ceremony (*public*)

Contacts

FIRST[®] LEGO[®] League Open Invitational
www.fllopen2018.org
www.facebook.com/fllopen2018
#fllopen2018



For *Youtube* and *Twitter*, please visit the channels of HANDS on TECHNOLOGY e.V..

HANDS on TECHNOLOGY e.V.

Plautstraße 80
04179 Leipzig, Germany

Lisa Frenzel
Phone: +49 341 246 1583
Email: lf@hands-on-technology.org

www.hands-on-technology.org/en
www.first-lego-league-org/en
www.facebook.com/HANDSOnTECHNOLOGY



National Instruments Hungary

Határ út 1/A.
4031 Debrecen, Hungary

<http://hungary.ni.com/debrecen>
<https://www.facebook.com/nihdeb>

