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Erasmus+ Programme  
of the European Union



## Development of Inquiry Based Learning via IYPT

# YPT Preparatory Seminar 2021

7. – 9. November 2021

Bratislava, Slovakia

**Sunday, 7. November**

14:00 – 23:50

**Arrival + Check-in in hotel for non-Bratislava participants**  
(individually at the hotel reception)

**Monday, 8. November**

08:00 – 08:30

**Registration**

08:45 – 09:00

**Official opening** (*Martin Plesch*)

09:00 – 09:20

**10. Droplet explosion** (*Tomáš Roch*)

09:20 – 10:10

**7. Three-Sided Dice, 4. Unsinkable Disk** (*Hynek Němec*)

10:10 – 10:30

Break

10:30 – 11:00

**DIBALI IO2: Development of soft skills via IYPT** (*Thomas Lindner*)

11:00 – 12:30

**Simulation of IYPT Physics Fight**

12:30 – 13:00

Lunch (teachers)

13:00 – 14:00

**YPT Expert Committee meeting with teachers**

12:30 – 14:00

Lunch (students)

14:00 – 14:20

**6. Tennis Ball Tower** (*Katarína Revická*)

14:20 – 14:40

**5. Bimetallic Oscillator** (*Mladen Matev*)

14:40 – 15:00

Break

15:00 – 15:20

**11. Balls on an Elastic Band** (*Marián Kireš*)

15:20 – 15:50

**DIBALI IO3: Development of scientific skills via IYPT** (*Mihály Hömöstreit*)

15:50 – 16:10

**2. Rayleigh Disk** (*Richard Rippel*)

**Tuesday, 9. November**

08:30 – 09:10

**13. Candle Powered Turbine, 14. Ball on Membrane** (*Marián Kireš*)

09:10 – 09:30

**3. Ring on the Rod** (*Assen Kyuldjiev*)

09:30 – 09:50

**16. Saving Honey** (*Richard Hlubina*)

09:50 – 10:20

Break

10:20 – 10:40

**17. Invisibility** (*Peter Markoš*)

10:40 – 11:30

**1. Invent Yourself, 12. Strange Motion, 8. Equipotential Lines**  
(*František Kundracik*)

11:30 – 12:00

**15. Boycott Effect** (*Tereza Zuskinová*)

12:00 – 13:00

Lunch

13:00 – 13:50

**DIBALI IO1: YPT Toolkit** (*Sergej Faletič*)

13:50 – 14:20

**9. Water Spiral** (*Martin Plesch*)

14:20 – 14:30

**Official closing, deparature**



## Development of Inquiry Based Learning via IYPT

Accommodation: Hotel TAXIS + Hotel SUZA

Program: Large auditorium of the Slovak Academy of Sciences, Dúbravská cesta 9, 845 11 Bratislava

Catering (lunch): Dining room of the Slovak Academy of Sciences, Dúbravská cesta 9, 845 11 Bratislava. Tickets will be provided at registration.

Online streaming: The YPT Preparatory Seminar 2021 will also be streamed online at the time of the event, those who have registered will receive a link to connect at the time of the event.