

Blended Intensive Programme (BIP)

2024

Mechatronics and Robotics Week

College of Polytechnics Jihlava

Department of Technical Studies

PROGRAMME

- **Prior to BIP**

Virtual meeting (2 hours, middle of May):

Personal mutual introduction

Programme introduction and adjustment:

– set of theory and practice ratio during week

– selection of cultural excursions,
physical activities, city sightseeing

- **BIP live on site**

(1 week, June 23 - 28, 2024)

Professional and cultural programme

- **After BIP**

Virtual meeting (2 hours, middle of July):

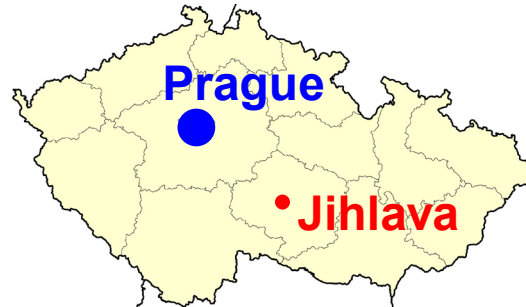
comments, notes, and suggestions

lost and found :-)

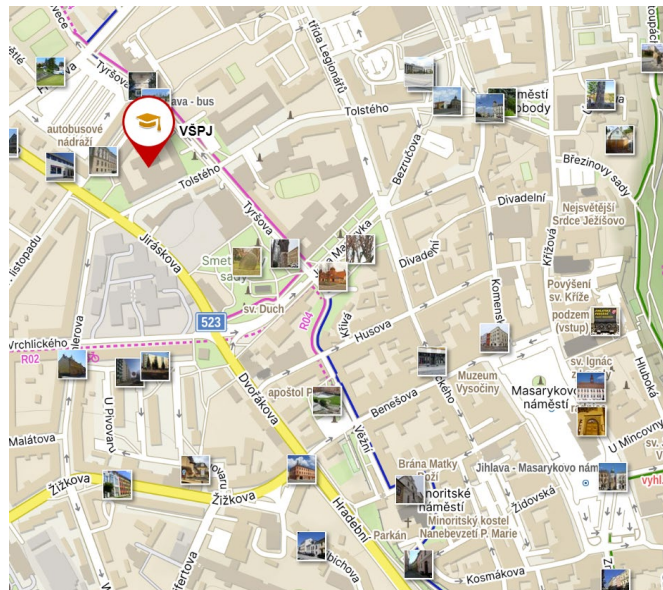
how to proceed . . .

<https://konference.vspj.cz/konference/109/409>

The Czech Republic:



Jihlava city and CPJ (VŠPJ):



Blended Intensive Programme (BIP)

2024

Mechatronics and Robotics Week

College of Polytechnics Jihlava

Department of Technical Studies

PROGRAMME

- **Prior to BIP**

Virtual meeting (2 hours, middle of May):

Personal mutual introduction

Programme introduction and adjustment

– set of theory and practice ratio during week

– selection of cultural excursions,
physical activities, city sightseeing

- **BIP live on site**

(1 week, June 23 - 28, 2024)

Professional and cultural programme

- **After BIP**

Virtual meeting (2 hours, middle of July):

comments, notes, and suggestions

lost and found :-)

how to proceed . . .

<https://konference.vspj.cz/konference/109/409>

Monday June 24, 2024

Opening 8:50 – 9:00

MODELLING 9:00 – 13:00

- Mechanics for Mechatronics and Robotics

- 9:00 – 9:20 Statics
- 9:20 – 10:00 Kinematics
- 10:00 – 10:30 Dynamics

Break 10:30 – 10:40

- 10:40 – 12:00 Computer Aided Design

Break 12:00 – 12:10

- 12:10 – 13:00 Applied FE Methods

Lunch 13:00 – 13:30, rest time 13:30 – 14:30

- 14:30 – 17:30 Jihlava city sightseeing

Dinner 18:00 – 19:00

Tuesday June 25, 2024

MECHATRONICS 9:00 – 13:00

- 9:00 – 10:30 Mechatronics

Break 10:30 – 10:40

- 10:40 – 11:30 Artificial Intelligence

Break 11:30 – 11:40

- 11:40 – 13:00 Cyber-Physical Factory

Lunch 13:00 – 13:30, rest time 13:30 – 14:30

- 14:30 – 17:30 Bosch Company

Dinner 18:00 – 19:00

Wednesday June 26, 2024

Full-day TRIP 8:00 – 17:00

- Scientific and Cultural Excursions

- 8:15 start in Jihlava
- 8:50 – 10:00 Třebíč Chateau (UNESCO)¹
- 10:30 – 12:00 Nuclear Power Plant Dukovany²



|1



|2

Lunch 13:00 – 14:00

- 14:30 – 15:20 Telč Chateau (UNESCO)³
- 15:50 – 16:30 Třešť Chateau Park⁴



|3



|4

- 17:00 end in Jihlava

Dinner 18:00 – 19:00

Thursday June 27, 2024

ROBOTICS 9:00 – 13:00

- 9:00 – 10:00 Artificial Intelligence

Break 10:00 – 10:10

- 10:10 – 11:30 Robotics, Control Design

Break 11:30 – 11:40

- 11:40 – 13:00 Lab of Industrial Automation

Lunch 13:00 – 13:30, rest time 13:30 – 14:30

- 14:30 – 17:30 Physical Activities

Dinner 18:00 – 19:00

Friday June 28, 2024

APPLICATIONS 9:00 – 13:00

- 9:00 – 9:30 Lab of Production Processes
- 9:30 – 10:00 Lab of Additive Technologies

Break 10:00 – 10:10

- 10:10 – 11:30 Cyber-Physical Factory

Break 11:30 – 11:40

- 11:40 – 13:00 Lab of Physical Activities

Lunch 13:00 – 13:30, rest time 13:30 – 14:30

- 14:30 – 16:00 leisure time, discussions . . .

Ending, Farewell

Dinner 17:00 – 18:00

