

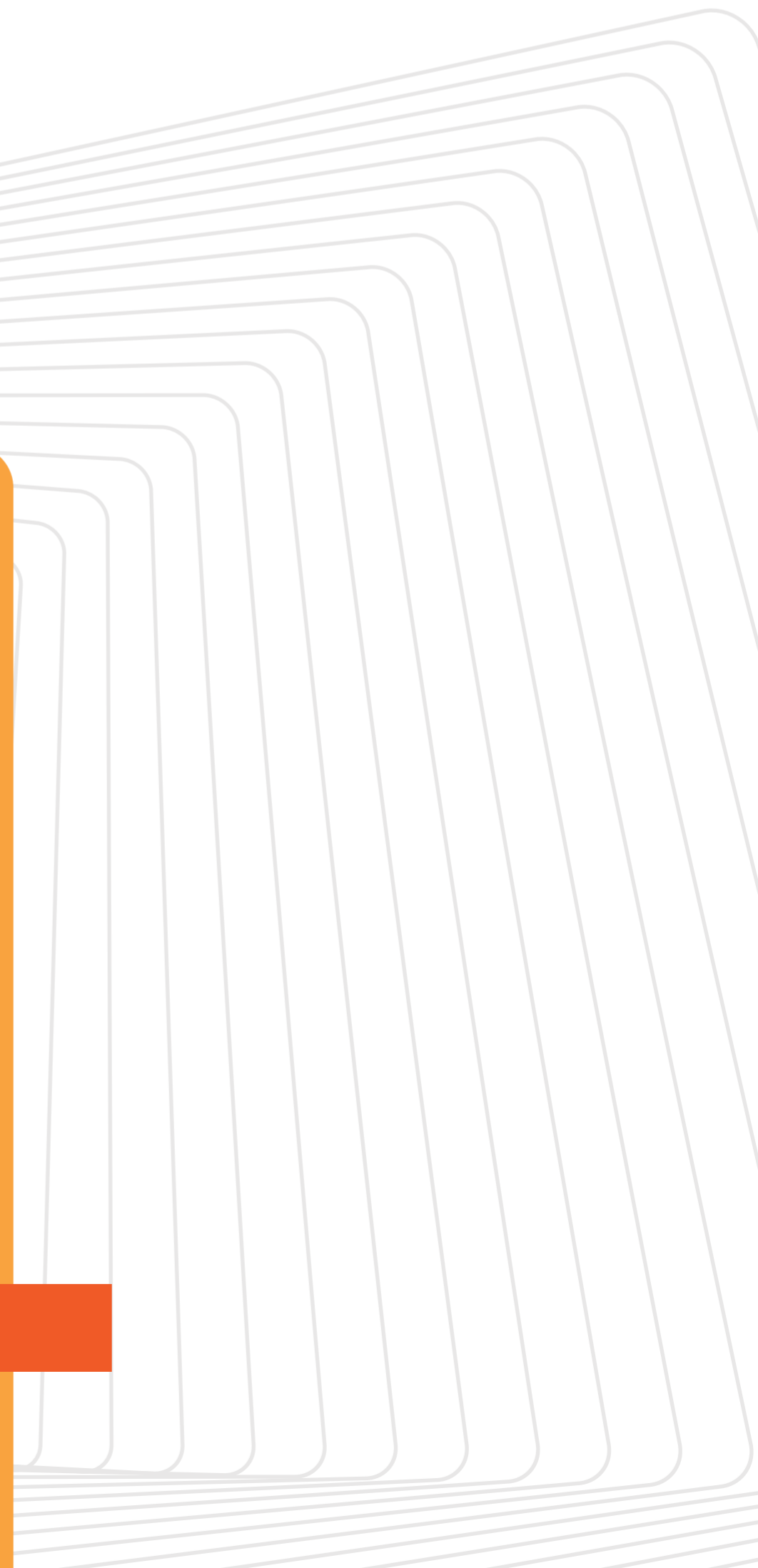


IoT in Practice

- Embedded C
- Data acquisition from sensors
- Sensor data analysis on the cloud
- Communication between microcontrollers
- Microcontroller programming - Arduino Framework



Dates: June 6 - June 10, 2022



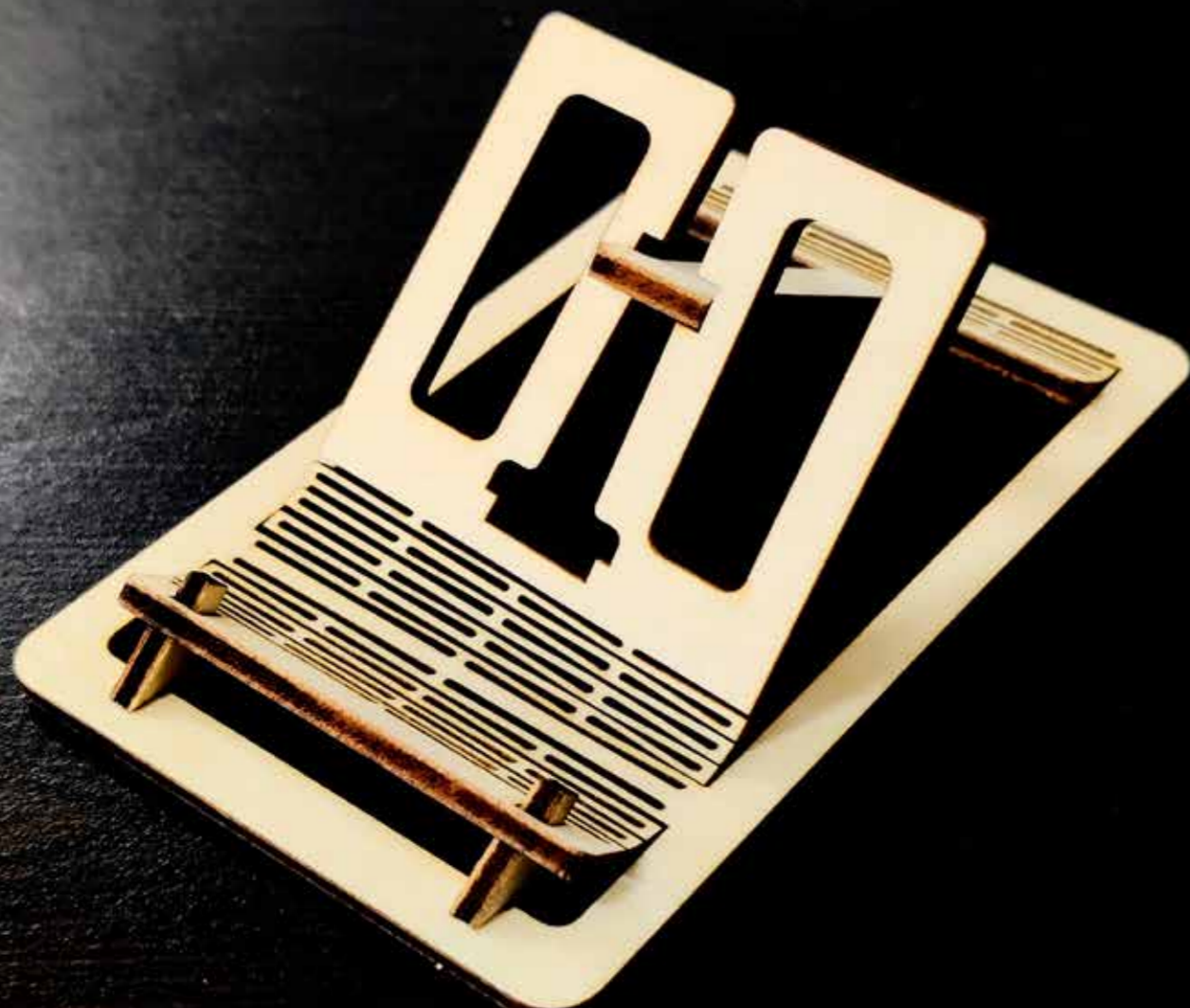


Workshop Practice

- Basic safety
- CAD fundamentals
- Basics of CNC programming
- Welding- robotic and manual
- Software tools for tool path planning
- 2D profile cutting: Laser Cutting & EDM
- 3D Profile cutting: CNC machining centre operation



Dates: June 13 - June 17, 2022





Digital Fabrication

- Basic safety
- Vector vs Raster methods
- 3D Printing : FDM and SLA based
- Digitization of the bitmap images
- Intro to Laser cutting and engraving
- Silicone rubber & composite moulding
- Creating a 3D image from 2D images / Lithophanes



Dates: June 20 - June 24, 2022

