



## Final Workshop

# SMART PATCH FOR LIFE SUPPORT SYSTEMS (SP4LIFE)

## NATO SPS project G5825

**15.02.2024. – 16.02.2024.**

**Location:** ULB, Avenue Paul Héger, 1000 Brussels (easy access with Bus 71 or Tram 8 and 25)  
**Room:** Building U, entrance by the door UD on Avenue Paul Héger, Level 3, Room UD3.100  
**Main topics:** Presentation of project results, Demonstration of the system, Preparation of project documents, Future cooperation

### **Attendees:**

From Slovakia: Dr. Milan Tysler, Dr. Daniel Gogola, Dr. Fedor Lehocki, Richard Bagín  
From Belgium: Dr. Carlo Iorio, Dr. Immacolata Greco, Dr Christophe Minetti, Valérie Tommen  
From N. Macedonia: Prof. Ana Madevska Bogdanova, Assoc. Prof. Bojana Koteska, Prof. Vladimir Trajkovik  
From Serbia: Stefan Ilić

## Workshop Program

### **Thursday, February 15, 2024:**

9:00 – 10:00 Arrivals  
10:00 - 10:30 Welcome from organizers (Carlo S. Iorio), Welcome form SPS (Eyup Turmus)  
10:30-12:15 Presentations of project results by young investigators

*Hybrid part of the meeting as ZOOM videoconference at*

<https://zoom.us/j/98096100711?pwd=UStLV0tpbUJyaVVUK3FHb3Y5WXJoQT09>

*meeting ID / password: 980 9610 0711 / 825067*

- Project overview (IMS, Milan Tysler)
- Graphene sensor development (ICTM, Stefan Ilić)
- Hardware concept of the patch (IMS, Daniel Gogola)
- Bio-compatible integration of the patch (ULB, Immacolata Greco)
- Software for patch control, communication, and signal processing (IMS, Richard Bagin)
- Vital parameters estimation using artificial intelligence (FCSE, Bojana Koteska)
- Implementation of the smart patch into the triage process (FM, IMS, Fedor Lehocki)



