**AGENDA**

**EXPERT VISIT 9 – NATIONAL RESEARCH COUNCIL OF ITALY (CNR INM)** (@UoM, 25 – 27 March 2025)

**Meeting venue:** Gepsus room/MONUSEN Lab, University of Montenegro, Faculty of Electrical Engineering, University of Montenegro

**Address:** Cetinjska 2, Podgorica, Montenegro

**SCHEDULE**

Day 1: 25th March 2025 (Tuesday)

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| **Time** | **Description** |
| 14:30 – 15:30 | **The BlueBoat dynamics model - General description** by Massimo Caccia  The dynamics model of the BlueBoat is discussed, introducing suitable adaptation of conventional models and at-field identification techniques. |
| 15:30 – 15:45 | BREAK |
| 15:45 – 16:30 | **The BlueBoat integration in conventional NGC architecture -** by Massimo Caccia  The design and development of BlueBoat driver, Physical to Logical Sensor Mapping module, and Thrust Control Allocation module is discussed. BlueBoat HIL simulator is introduced too. |
| 16:30 – 17:00 | **Discussion** |

Day 2: 26th March 2025 (Wednesday)

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| **Time** | **Description** |
| 14:30 – 15:30 | **The BlueBoat sensor data driver - Implementation** by Massimo Caccia  The BlueBoat sensor data driver is implemented. |
| 15:30 – 15:45 | BREAK |
| 15:45 – 16:30 | **The BlueBoat thrust command driver - Implementation** by Massimo Caccia  The BlueBoat thrust command driver is implemented. |
| 16:30 – 17:00 | **Discussion** |

Day 3: 27th March 2025 (Thursday)

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| **Time** | **Description** |
| 14:30 – 15:30 | **The BlueBoat P2LSM & TCA - Implementation** by Massimo Caccia  The BlueBoat Physical to Logical Sensor Module and Thrust Control Allocation module are implemented implemented. |
| 15:30 – 15:45 | BREAK |
| 15:45 – 16:30 | **The BlueBoat Simulator - Implementation** by Massimo Caccia  The BlueBoat simulator is implemented. |
| 16:30 – 17:00 | **Discussion** |