



To whom it may concern,

We hereby certify that Dr. Ali Dabba attended for its entirety the **Multiple Objective Programming and Goal Programming (MOPGP 2025)**, from **July 1st to July 3rd, 2025**, in **Varese, Italy at University of Insubria** (Via Ravasi, 2, 21100 Varese VA, Italy) to give a talk entitled:

- a) *"Optimizing Wireless Sensor Network Deployment Using Multi-Objective Bioinspired Algorithms"*

Authors: Mohamed Bahache, Ali Dabba, Djaafar Zouache, Fouad Ben Abdelaziz.

Presented by: Dr. Ali Dabba

- b) *"Intelligent Intrusion Detection with Multi-objective Slap Swarm Optimization: A Bio-Inspired Method for DDoS Classification"*

Authors: Ali Dabba, Djaafar Zouache, Fouad Ben Abdelaziz.

Presented by: Dr. Ali Dabba

We thank you again for your interest and valuable contribution.

With warm regards,

Dr. Matteo Rocca

On behalf of the MOPGP 2025 Organizing Committee

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