

JULY 14, 2023

DISSEMINATION DAY



2DSENSE PROJECT

2D MATERIAL BASED LOW COST SENSOR OF
AGGRESSIVE SUBSTANCES
NATO SCIENCE FOR PEACE AND SECURITY
PROGRAM – GRANT # SPS G5777 (2020-2023)

2dsense.net

In presence:
CONFERENCE CENTER
Gaeta Castle (Italy)

July 14, 2023

[Info and registration](#)

info@2dsense.net

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[https://meet.google.com/
yad-wwwd-dtm](https://meet.google.com/yad-wwwd-dtm)

The first part of the meeting will present the main results of the research project 2DSENSE. The second part will be an exchange forum with stakeholders from the academy and industry, to open the door for disseminating the outcomes of the research project.

PROJECT MEETING AGENDA

PART 1: technical presentation of the results of the MYP “2DSENSE”

9.20 – 9.40 – Opening

Vincenzo Coccorese – President of CREATE
Mario Russo, Director of Dept. DIEI, UNICAS
Andrea Riggio, Deputy Rector for Research, UNICAS

9.40 – 10.00

The NATO Science for Peace and Security (SPS) Programme
Claudio Palestini – NATO SPS Office

10.00 – 10.20

General overview of the project results
Antonio Maffucci, NPD – CREATE Consortium/UNICAS

10.20 – 10.35

Results of nanomaterial fabrication
Georgy Fedorov – University of Eastern Finland, Finland

10.35 – 10.50

Results of electrical impedance spectroscopy sensing
Sarah Sibilia/Luca Tari – Young researchers, University of Cassino and Southern Lazio, Italy

10.50 – 11.05

Results of voltammetry sensing
Rocco Cancelliere – Young researcher, University of Rome Tor Vergata, Italy

11.05 – 11.20

Results of classification with Machine Learning
Mario Molinara – University of Cassino and Southern Lazio, Italy

PART 2: follow-up initiatives and future exploitation

11.50 – 12.00

Overview of the follow-up activities
Antonio Maffucci, NPD – CREATE Consortium/UNICAS

12.00 – 12.20

Perspectives in the markets of nanomaterials and of sensing
Representatives of project end-users (**Sensichips**, **Nanosa**) and **other industrial partners**

12.20 – 12.40

New perspectives of international collaborations
Alessandro Figus – IMI-NOVA, Moldova)

12.40 – 13.00

Closing remarks
Luigi Ferrigno – Rector's Delegate for Technology Transfer, Spin-off and Startup, UNICAS

Organised by



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NAPLES, ITALY



UNIVERSITY OF CASSINO AND
SOUTHERN LAZIO, CASSINO, ITALY



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In collaboration with



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