



# Industrial PhD

*Technologies for Resilient Living Environments*

Università degli Studi della Campania “Luigi Vanvitelli”  
*Dipartimento di Architettura e Disegno Industriale*  
Dottorato Industriale in Tecnologie per Ambienti di Vita Resilienti

CO.RI.S.T.A. - Corso Novara 10, 80142 - Napoli  
28.04.2025 ore 09:30-13:30

## MOST SPOKE#9 – Urban Mobility: design and development of radar system for traffic monitoring

*The objective of the activities is the study and design of radar system for traffic monitoring. The program aims to explore the feasibility of developing a radar sensor capable of MTI and mapping changes in the observed scene over time, focused on the development of a ground-based radar, based on SDR technology and on algorithms DOA and Inverse SAR. The activities include a design and implementation phase for the system and data processing algorithms, followed by a field-testing phase.*

### Saluti istituzionali

SERGIO SIBILIO  
Coordinator of the Industrial PhD in  
Technologies for Resilient Living Environments

LUIGI ZENI  
Full Professor in Electronics and President  
of the CO.Ri.S.T.A., Consortium of Research  
on Advanced Remote Sensing Systems



### Segreteria

Giovanni Ciampi, Vincenzo Cirillo,  
Mariateresa Guadagnuolo, Corrado Chisari

### Interviene

CLAUDIO PAPA  
CO.Ri.S.T.A., Consortium of Research  
on Advanced Remote Sensing Systems

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