

## **From scientific research to the Space economy: a strategic convergence**

**Interdisciplinary Lecture by Simonetta Di Pippo**, *Professor of Practice of Space Economy and Director of the Space Economy Evolution Lab (SEE Lab)*.

The space economy is often depicted as the result of expanding commercial activities in space and the entry of new private actors. This view, however, tends to overlook the structural continuity between scientific research, public infrastructure, and economic development. The focus here is to offer a systemic perspective on the space economy, showing how scientific research is not merely a preliminary phase, but a permanent component in value creation processes.

Through examples from Earth Observation, satellite navigation systems, and scientific exploration missions, it will be illustrated how these programs have given rise to complex economic systems, with significant impacts on strategic sectors such as agriculture, logistics, energy, and critical infrastructure.

The presentation will also highlight the importance of open scientific data, shared standards, and international cooperation as key elements in fostering the development of a sustainable space ecosystem. Within this framework, the experience of the SEE Lab at SDA Bocconi will be presented, illustrating how the interaction between the scientific and industrial domains can generate tangible value, not only in terms of technological innovation, but also in education and skills development.