

# STRATEGOS *Technical Workshop*

## **Strategic Decision Making in Complex Problems by the Analytic Hierarchy Process (AHP)**

9.00-13.00, January 25<sup>th</sup>, 2021, Blended Lecture Aula G2A, via Opera Pia 15a, 16145 Genova, Italy & STRATEGOS Webinars on MS Teams (click here to join)

POC: Prof. Antonella Petrillo, Parthenope University, [antonella.petrillo@uniparthenope.it](mailto:antonella.petrillo@uniparthenope.it)

*The workshop presents Fundamentals & Applications of AHP to improve Decision Making process in Complex Systems without any pre-requisite for sophisticated mathematical background, giving a quick & intuitive understanding of this method*

### **Workshop Description:**

The workshop teaches how to make **High-impact Decisions** that are **Reasoned, Defensible**, and will lead to having greater success in both making these Decisions and in **Justifying them by Individuals & Organizations**. Most complex decisions involve many interested parties with **Conflicting Interests & Objectives** and **Many Factors**, especially **intangible** ones like **social, environmental** and **political influences** alongside **economic** ones. All these factors need to be prioritized and integrated under common goals. Such complex decisions have benefits, **Opportunities, Costs** and **Risks** that need to be addressed. How to put this together to make the most effective decision is the object of the Workshop on the **Analytic Hierarchy Process (AHP)** and its generalization the **Analytic Network Process (ANP)**. This method is in use in major Industries and was successfully used during major International Negotiations. The subject provides a **New Way of Thinking** about **Decision Problems**. Attendees are exposed to a variety of **Applications** and will **get hands-on practice** with the very usable **Super Decisions software** that facilitates this way of decision-making. You are urged to **bring your own laptop** to class during this Workshop, **Software will be provided**. Prof. Petrillo is a major expert that has worked with the AHP inventor, Prof. Saati, at University of Pittsburgh and on several Industrial Applications of this Methodology. This Webinar provides 3 CFP to Engineers by Ordine degli Ingegneri



*Joint Cooperation*

