**Special Session (SS11) on:**

*Spatial use and tourism-related mobility in the light of Industry 4.0*

**Organizers:**

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**The purpose and scope of the special session**

The fourth industrial revolution (Industry 4.0) is driving a major shift in our socio-economic environment, with the emergence of technological solutions that are designed to make our everyday activities more efficient and are driven by artificial intelligence (AI). AI has also an emerging penetration in the tourism sector, therefore it is highly important to reveal its disruptive impacts. Based on these alterations, this special session aims to highlight current research on tourism-related mobility and its evolution enhanced by new (Industry 4.0) technologies. It is also important to reveal how AI-based solutions might change space usage (e.g., destination choice, experience during travelling and while visiting the destination, AR, VR-based tour guidance, etc.). The session would welcome professionals from different disciplines (social sciences, economics, regional sciences, and engineering) to improve cooperation between different fields focusing on AI-based alterations, spatial usage and tourism.

**SUBMIT AN ABSTRACT**