ersa 2022 61st Congress
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Theme: ***Spatial Coronametrics:***

New Tools in Regional Science for Quantifying the Spatial Dimensions of Pandemics

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General Scope

In a period of two years the space-economy of our world has been shaking by sharply fluctuating and spatially discriminating socioeconomic disruptions caused by the COVID-19 pandemic. The geographical spread patterns of the pandemic (both between nations and regions/cities) have shown a wild and unpredictable dynamics. This prompts clearly important and difficult research challenges for regional scientists.

A new field is gradually emerging, which – in the spirit of spatial econometrics – is called **spatial coronametrics** bringing together quantitative and modelling approaches from regional and urban sciences, transportation and mobility studies, spatial impact modelling, infectious disease modelling, etc.

At the special academic session on spatial coronametrics at the ERSA conference, the focus will be on modelling-oriented and evidence-based studies in spatial coronametrics. Two themes will in particular be addressed:

1. **Modelling Pandemic Impacts in Space**
   Co-organiser: Pui-Hang Wong (Maastricht University)
   This session will be organised in association with *Letters in Spatial and Resource Sciences*
   (LSRS) (editors-in-chief: Henk Folmer & Amit Batabyal)
2. **Pandemics, Location and Mobility**
   Co-organiser: Louafi Bouizouina (ENTPE, Lyon)
   This session will be organised in association with *Regional Science Policy & Practice*
   (RSPP) (editor-in-chief: Tomaz Dentinho)