

Invitation and Call for Papers

# Exploring New Big Science: Challenges and New Directions

A multidisciplinary workshop

September 24, 2015

Pufendorf institute for advanced studies, Lund university

It is our pleasure to invite you to a workshop exploring the challenges of New Big Science, a concept that capture scientific endeavours that involve big projects, big money, big data, and/or big facilities as well as often extensive inter-disciplinarily and wide ranging collaborations. Examples of New Big Science are not only synchrotron radiation facilities as the MAX IV laboratory and neutron scattering facilities such as the European Spallation Sources, but also the Human genome project, the Protein Atlas, as well as large astronomical observatories.

The workshop marks the ending of the Pufendorf theme Exploring challenges for New Big Science: The realization of ESS and MAX IV in Lund ([www.pi.lu.se](http://www.pi.lu.se)). Issues that we have explored are 1) the design of instruments; 2) the issue of data conceptualization and management (Big Data); 3) sustainability; 4) regional development; 5) intellectual property rights.

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## Participants and purpose

We welcome participants that in different ways explore issues relevant for the emerging New Big Science. The purpose of the workshop is to provide a space for sharing ongoing work in this field in an interactive and explorative way, with the aim to get to know what others are doing, make new connections and discuss emerging ideas. Participants are encouraged to present their work (15-20 min), but it is also possible to attend without presenting a paper.

## Timeframe

The workshop will run on September 24th, 2015, from 9am to 3pm and includes lunch. In the evening there will be an open seminar from 5pm to 7pm to which you are also welcome. We will bring the day to a close with a dinner starting at 8pm. All events will take place at the Pufendorf Institute for Advanced Studies at Lund University, Biskopsgatan 3.

## Abstract submission

Participants who wish to present their work at the workshop should email a 250-word abstract, 3 keywords and contact details before August 25th, 2015. Confirmation that the abstract is accepted will be sent out within two weeks. Please also indicate in your email if you want to join the dinner in the evening, and if you have any food preferences.

## Organizing committee

Abstracts should be sent to and questions about the workshop can be addressed to Kerstin Sandell ([Kerstin.sandell@genus.lu.se](mailto:Kerstin.sandell@genus.lu.se)) or Josephine Rekers ([josephine.rekers@keg.lu.se](mailto:josephine.rekers@keg.lu.se))

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