

The Need for Regional Centres in Data Intensive Research (+SKA regional data centre discussion)

Contribution ID: 1

Type: **not specified**

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Friday, 9 February 2018 10:30 (1h 30m)

Future observatories like SKA will rely on regional centres to turn calibrated data products into advanced data products, like spectra or science grade catalogues. The data volume of surveys and also the size of individual observatory-provided data products is becoming too large to be served via the traditional download model. Data-centric processing that minimises data movement is key. Distributed science teams will need new tools, methods, frameworks and algorithms to maximise scientific productivity.

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