

Scientific reproducibility in the Spanish SKA Regional Centre prototype

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The SKA Regional Centres (SRCs) will be at the core of the exploitation of SKA data, being the place where the science will be done and hence should constitute a collaborative framework where researchers can share their experiments. At the IAA-CSIC we are leading the Spanish effort to host an SRC. We are developing a prototype with a special focus on addressing the challenge of handling SKA data to extract scientific knowledge in a reproducible way (i.e. following the Scientific Method). Currently, the Open Science initiative is encouraging the development of new solutions to enhance knowledge sharing and collaboration as well as to ensure transparency, as basic factors to achieve scientific reproducibility. Our objective is therefore that Big Data science becomes Open Science in the SRCs. In this talk, we will present the activities that we have carried out so far to develop the IAA-CSIC SRC prototype fully aligned with the Open Science Principles.

Suggested duration

20 min

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