Sci-GaIA proposes to produce clearly structured guides and educational documents that can be used to train and support representatives of National Research and Education Networks, Communities of Practice (CoPs) and, importantly, Universities to develop Science Gateways and e-Infrastructures in Africa. This will give a sustainable foundation on which African e-Infrastructures can be developed. Importantly, the results of Sci-GaIA will be usable by CoPs in Europe and the rest of the world.

Promote Science Gateways & e-Infrastructures in Africa & beyond
Support new & already emerging
Strengthen & expand Science Gateways & e-Infrastructure related services
Train, disseminate, communicate and outreach

Sci-GaIA Winter School
4 April - 5 May 2016

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement n°654237
The goal of the **Sci-GaIA Winter School** is to create the skills to integrate scientific applications in the Africa Grid Science Gateway and/or in or in other domain-specific Science Gateways. This will allow the creation of an intercontinental pool of experts that can act as “interface” between the end-users of the Communities of Practice (CoPs) supported by the project and the e-Infrastructure services.

### Applications
Applications can be submitted exclusively through the web by filling a questionnaire where the applicant(s) – up to 4 persons per team - CV(s) and presentation letter(s) has/have to be uploaded and the scientific application proposed for the school has to be described. At the end of the school, a panel of experts will assess the progress made by the various teams of students and the winner and the runner-up application teams (max. 2 persons per team) will win a free participation to the Sci-GaIA Final Conference that will be held in Brussels in March/April 2017.

### Deadlines
The application form will be available online from the 16th of November 2015.

The deadline for the submission of applications is the **29th of February 2016**.

Accepted applicants will be notified, with a direct email, by the **15th of March 2016**.

The detailed program of the school, including all pre-recorded lectures, training materials and descriptions of the scientific applications will be available online by the **22nd of March 2016**.

### Selection criteria:
- Relevance of applicants’ CVs to the topics of the Winter School;
- Composition and geographic distribution of the applicants’ team;
- Presence of a proposed scientific application. If a scientific application is proposed, additional criteria will be:
  a) Relevance of the proposed scientific application, in terms of its impact and size of the user base;
  b) Multi-/inter-disciplinarity of the proposed scientific application;
  c) Societal challenges addressed by the proposed scientific application;
  d) Use of modern paradigms in the proposed scientific application (e.g., Distributed Computing, Big Data, Internet of Things, Open Data, etc.);
  e) Readiness status of the proposed scientific application.

### Requirements:
- **Java programming:**
- **Web application development:**
- **Basic Unix shell knowledge:**
- **Basic Database management:**
- (Virtualised) **Hardware:**
  Participants should have at their disposal for the whole duration of the course a real/virtual machine with either Mac OS X or Linux installed and at least 2 GB of RAM.

**Software:**
- An Integrated Development Environment (IDE).

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