



# DSN 2016

Toulouse • France  
June 28 - July 1st

The 46th Annual IEEE/IFIP International Conference on Dependable Systems and Networks

**Context and scope:** The DSN Tutorial program is a forum for leading work on all aspects of dependability, security and resilience of systems and networks, covering both theory and experimental themes. It offers attendees the chance to learn from and to interact with leading experts in the most popular areas of dependability, security and resilience of systems and networks.

DSN tutorials cover a wide range of topics. The tutorials committee is soliciting proposals for full-day (six hours) or a half-day (three hours) tutorials on topics in the following areas (as well as others):

- **Hardware** e.g. microprocessors; VLSI; storage systems; and nanoscale systems
- **Software** e.g. applications; middleware; and operating systems
- **Cyber-physical systems** e.g. embedded systems; networked embedded systems; SCADA; automotive, aerospace, and medical systems; and smart grid
- **Socio-technical systems** e.g. virtual worlds; human-computer interaction; usable security; and online social networking
- **Clouds** e.g. cloud storage, computing, platforms, and applications
- **Networks** e.g. wireless networks; mobility; next-generation networks; and software-defined networking
- **Models and methodologies for programming, evaluating, and assessing dependable and secure systems** e.g. performance, dependability and security evaluation; analytical and numerical methods; simulation; experimentation; benchmarking; verification; field data analysis; and data mining techniques

**Hands-on Tutorials:** As in previous years, the DSN2016 tutorial committee encourages “hands-on” tutorials – those that give attendees the chance to try pre-prepared demos or exercises during the tutorial. Tutorials focused on “101 courses” on new technologies, as well as development, analysis, monitoring and assessment tools are good candidates for hands-on demos, but others may be as well.

**A list of past DSN tutorials (2012 – 2015) is available at:**

[http://dsn.org/conference/dsn-2016/past\\_tutorials\\_DSN.pdf](http://dsn.org/conference/dsn-2016/past_tutorials_DSN.pdf)

## News!

**Selected half-day tutorial will benefit of a single complementary conference registration to the main conference. Selected full-day tutorial will benefit of up to 2 complementary registrations to the main conference according to the amount of hands-on activities performed.**

If your tutorial is accepted, you are also welcome to provide a **2-5 minute video pitch to advertise your tutorial**, which will be posted on the DSN2016 website as well as on other channels (e.g., youtube, facebook, twitter and dedicated dependability and IEEE/IFIP channels) well in advance of the conference.

**Dissemination.** We will create a digital copy containing all tutorial notes (no hard copies). The digital copy will be issued to all tutorial and conference attendees. All tutorial proposals must explicitly agree to the release of the tutorial notes for this purpose.

Authors of selected tutorials will be required to write **a 1 page document** including i) motivation and goals of the tutorial, ii) organization of the tutorial, iii) related references. The document must follow the main conference guidelines for margins and layout and it will be included in the supplemental volume of the proceedings.

### **Review Process**

Tutorial slots at DSN2016 are highly competitive, so carefully consider the following review process guidelines and submission instructions as you prepare your proposal. Submissions will be reviewed by the DSN tutorials committee, which will consider among other factors:

- Insights offered, in breadth and/or depth;
- Quality of the proposal (clarity, completeness, and cohesiveness of the proposal, quality of the visual aids);
- Relevance for the DSN2016 audience and appropriateness for a tutorial;
- Timeliness of the topic;
- Potential audience appeal;
- Presentation history and teaching/speaking experience of the presenters;
- For “hands-on” tutorials, evidence that demos or live exercises have been thoroughly tested.

**Priority will be given to tutorial on disruptive technologies and/or with substantial hands-on activities for attendees.**

**Proposal preparation guidelines.** Your proposal should clearly describe the target audience and what they will learn. It should discuss in details the tutorial content, schedule, and organization. If your tutorial proposal is a joint effort between presenters from more than one institution, include evidence in your description that the tutorial will be cohesive, and not just a disparate set of talks.

**Hands-on tutorials.** If you propose a demo- or exercise-based tutorial, you must include an **extra section** in your tutorial proposal to convince the tutorials committee that your demo and/or exercises have been thoroughly tested and debugged in a variety of settings, to ensure completely smooth operation at the conference. DSN2016 will provide Internet access but no other equipment (other than standard AV for presentations). The demos and exercises may be run on attendee’s laptops (if they have one). If you are planning to create a specific environment for the demos/hands-on exercise (e.g., a virtual machine to execute on attendee’s laptop – encouraged to avoid last-minutes configuration problems during the tutorial), please describe it in a specific section of your proposal, clearly specifying:

- i) the type of copyright/license (if any) of the tools and software made available to the attendees (e.g., GPL/open source or free academic license);
- ii) How the tools and software will be distributed during the session (e.g., USB drives, CD/DVD media, download).

**How to submit:** Tutorials may be proposed for either a full-day (six hours) or a half-day (three hours). Full-day proposals may include up to three presenters, and half-day proposals may include one or two presenters. Half-day tutorials on new and emerging technologies are encouraged.

Tutorial proposals must be submitted electronically via *easychair* at <https://easychair.org/conferences/?conf=dsn2016tutorials>. The file you upload should contain the following sections:

1. Abstract in text format (200-word maximum).
2. A detailed description of the proposed tutorial (3 pages maximum) with the following sections:
  - a. Tutorial goals – specifically how attendees will benefit;
  - b. Why the topic is relevant to DSN2016 attendees;
  - c. Targeted audience (researchers, students, developers, practitioners, etc.);
  - d. Content level (% beginner, % intermediate, % advanced)
  - e. Audience prerequisites;
  - f. General description of tutorial content;
  - g. If your presenters are from different institutions, how you will ensure cohesive tutorial content; and
  - h. If your tutorial has been presented previously, list when and where and how you will update it for DSN2016.
  - i. Detailed outline of the tutorial (1 page maximum in outline form).
  - j. A statement about “hands-on” exercises.
3. Resume or Curriculum Vitae for each presenter (max 3 presenters, 2-pages maximum each). Make sure this includes a list of short courses the presenter has taught.
4. A statement agreeing to release the notes for the DSN2016 tutorial digital copy

**Your proposed “detailed course outline” will be the most critical part of your submission. Submitting samples of visual aids is strongly encouraged, either via a file upload or via a URL.** You may upload these in PDF format separately or as an addendum to your detailed proposal, or you may supply a URL at which the samples may be found.

**If your proposal is accepted:** Tutorial submissions may be conditionally accepted, pending certain modifications recommended by the committee. You will be required to supply copies of your material about 2 months before the conference. While the conference registration fee will be granted, tutorial presenters will not be supported with any travel grant or honorary and will be responsible for making their own travel arrangements.

#### **Important Information**

Conference Website: <http://www.dsn.org>

Web Submissions: <https://easychair.org/conferences/?conf=dsn2016tutorials>

Email Contact: [tutorial\\_proposals2016@dsn.org](mailto:tutorial_proposals2016@dsn.org)

#### **Important Dates**

Submission Deadline: January 22, 2016

Notification: February 29, 2016

Tutorial Dates: June 28, 2016

#### **DSN2016 Tutorials Co-Chairs**

Catello Di Martino (Bell Labs)

Roberto Baldoni (Universita' di Roma Sapienza)