

FIA Book 2012 – Call for Papers

Future Internet – From Technological Promises to Reality

The Future Internet Assembly (FIA) determines a successful, unique, and bi-annual conference that brings together participants of over 150 projects from several areas in the ICT domain in EU Framework Programme 7. They share scientific and technical results and discuss cross-domain research topics around the notion of creating new Future Internet technologies, applications, and services with a worldwide view.

FIA's history started in Spring 2008 in Bled, Slovenia, and the Spring of 2012 will see the 9th FIA conference in Aalborg, Denmark. As with prior Spring FIAs, the community is editing a book, which aggregates both, representative results achieved in the Future Internet domain and the possibilities of what can be expected in a medium or short term.

The set of previous FIA books include:

- [Towards the Future Internet: A European Research Perspective \(2009\)](#); IOS Press; ISBN 978-1-60750-007-0, pp350, April 2009, <http://www.iospress.nl/>
- [Towards the Future Internet: Emerging Trends from European Research \(2010\)](#); IOS Press; ISBN 978-1-60750-538-9 print and ISBN 978-60750-539-6 online pp300, April 2010, <http://www.iospress.nl/>
- [The Future Internet: Achievements and Technological Promises \(2011\)](#)- Springer; Lecture Notes in Computer Science, Vol. 6656, 465 pp, ISBN 978-3-642-20897-3; www.springer.com/computer/communication+networks/book/978-3-642-20897-3, May 2011

In the FIA time line several key elements were required to ensure success:

- Cross-domain considerations: on both core technical issues, such as FI architectures, FI services, FI experimentation, mobile FI, or Internet of Things, and on horizontal issues, such as socio-economics, privacy, trust, and identity.
- Engagement with application areas of the Future Internet and users: to move from FI technologies to sectors, where innovation can be improved by Future Internet technologies.
- Provision of results that are applicable in the day-to-day life.

FIA Book 2012 Topics

Within the structure of the book, the following topics are expected to be covered:

- **Future Internet foundations** cover core cross-domain technical and horizontal topics. Chapters within this section will include architectural questions; mobile Internet, cloud computing, socio-economic questions; trust and identity; search and discovery; and experiments and experimental design.

- **Future Internet technical areas** are those technical domains, which are associated to the Future Internet, mainly but not limited to networks, services, Internet of Things, content, and cross-area questions.
- **Future Internet application areas** comprise out of user areas and communities, where the Future Internet can boost their innovation capabilities. These chapters within this section cover smart cities, smart energy, smart health, smart enterprises, smart environment, smart transportation, logistics and mobility, smart manufacturing, smart agriculture, and tourism.
- **Future Internet infrastructures** cover experimentation and results in real infrastructures within the FI domain.

Papers/Chapters scope

The chapters/papers are expected to focus on validated results achieved and on integration and interoperation of systems across the above described areas. Late-breaking advances and approaches' evaluation reports are also encouraged. Paper submissions must present original, unpublished research or experiences. Papers under review elsewhere must not be submitted to the FIA Book 2012.

Submission

The submission and acceptance of chapters/papers will be subject to a rigorous peer review process to ensure originality, timeliness, relevance, and readability. The editors encourage that authors send only full section proposals for review. Authors of accepted proposals will be invited in turn to submit camera-ready sections, which will be subject to further review, acceptance, and a potential revision.

All sections need to be submitted via EasyChair at the URL of: www.easychair.org

Important Dates

- 2012-01-30 – Full papers/section submissions
- 2012-02-20 – Notification on acceptance
- 2012-03-12 – Camera-ready copies due
- 2012-04-07 – Book publishing (tentative)

Further Information

For further information please refer to the URL: <http://www.future-internet.eu/fiabook-2012>. Additional information:

- www.future-internet.eu/home/fisa-futureinternetsupportactions/thefiabook.html
- Or generic information: www.future-internet.eu

Editors in Charge

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