

**Title**

*Title should clearly indicate the content of the session*

Towards a Future Internet of Services

**Description**

*A concise description for the web site. Note that expressions of interest in your proposal from website users will influence its chances. (max 1000 characters including spaces)*

One of the most significant developments expected in the Future Internet's (FI) structure is the emergence and positioning of services, termed "Internet of Services" (IoS). The objective of this session is to provide a forum to debate the vision of and approaches to the IoS with a focus on cross domain issues, including: Architectures & Infrastructures; Management & Governance; Trust at Scale & High Granularity; and Lifecycle engineering for FI Applications. The expected result will be an initial set of statements and recommendations on the vision, scope and priority issues of the IoS, drawing on multi-stakeholder cross-domain inputs. The result will further elaborate the relationship between services and the FI and serve as input to the forthcoming FI Assembly. The session is targeted at all stakeholders of the IoS, including researchers, technology developers, businesses, policy makers, NGOs and civil society. We also encourage participants from areas outside of the service domain.

*(note: the above is exactly 1000 characters)*

**More material for the Selection Panel**

*This description will not be published. (max 3000 characters including spaces)*

The Internet of Services (IoS), as part of the Future Internet landscape, must have a positive impact on the capabilities of users; be they individuals, organisations, 'things' (as in the Internet of Things), and other software-based services. It will allow users to be in control; mix telecoms, media and web capacities; deliver services over fixed, mobile and hybrid networks; and bridge between the physical and virtual worlds. It will strengthen and build upon the Internet's tradition of being a virtuous circle of network reach (expanding number of users) and new applications (business opportunities). It will support and stimulate creativity, community, commerce and social welfare; all of which need to be carefully balanced. The Future Internet will not happen without the deep engagement of the diverse stakeholders and without meaningfully embracing the interests of those stakeholders. Development of the IoS therefore must address issues that cut cross domains, disciplines and communities. The objective of this session, initiated by the post-Bled Software and Services Working Group in preparation for the Future Internet Assembly (FIA), is to provide a public forum to debate the vision of and approaches to the IoS from a variety of viewpoints. It will take stock of the available work in the field without precluding alternative proposals or insight from any environment or community. As a starting point, the discussion will be structured around four cross domain issues (see description above). The different dimensions of the IoS - such as RTD, Business, Individuals and Policy - will be built into the discussion. Both the supply and demand side of the IoS will be addressed, as will the convergence between IT, telecoms and media/content as well as the implications of convergence. The expected result is an initial documented position on the vision, scope and priority issues of the IoS, drawing on multi-stakeholder inputs in the run up to the proposed networking session, the session itself, and its follow-up. The document is envisaged to be a concrete contribution to the State of the Art of the IoS. The Working Group is committed to mobilising interest from the ICT community and other stakeholders in the preparation for the session. It will solicit position statements and other inputs via the ICT 2008 website and its own outreach mechanisms. The group is also committed to publishing a public document on the outcome of the session at [www.future-internet.eu](http://www.future-internet.eu), and to feed the results to the further exploration of Future Internet services in the

FIA. The target communities are not only researchers and technology developers, but also businesses, policy makers, NGOs and civil society. The session organisers believe that ICT 2008 offers a unique opportunity to engage these stakeholders collectively in a single venue. The present networking session is part of a coherent package of sessions organised by the various working groups in preparation for the FIA.

*(note: the above is 2995 characters)*

### **Links and Documents**

*You may provide more information by adding links to web pages, online videos or documents published elsewhere on the web and by uploading documents. You may add up to 2 items. The size of each uploaded document must not exceed 2 MB.*

Web link: [www.future-internet.eu](http://www.future-internet.eu)

Document for upload: a collection of the cross domain issue papers (latest version of each) – see attached.