

*This newsletter provides news and announcements from the IPv6-related projects and activities organised in the IST (Information Society Technologies) research programme of the European Commission. To hear more news about IPv6 developments within the IST programme and beyond, join the IST IPv6 Cluster! This is a free, public service. For joining instructions, please see [our website](#). We would also greatly appreciate your [feedback](#).*

**The editorial team wish all our readers a Happy New Year and very best wishes for 2003!**

## LATEST IST PROGRAMME NEWS

The [IST Work Programme 2003](#) has been finalised and accepted. The [first call for proposals](#) was published on 17th December. Research Infrastructures will be included in the [second call for proposals](#), which will be announced on the 17th June 2003. It is proposed to hold an Information Day on Research Infrastructures on 3rd February 2003 in Brussels. In addition, the next IPv6 Cluster meeting is proposed to be held in Brussels on 4th February 2003. The objective for the Information Day is to provide information and host discussion about the Work Programme for 2003 and 2004, and the different calls in the context of Research Infrastructures, which will be the new name for Research Networks in FP6. If you are interested in attending the Research Infrastructures Information Day and/or the IPv6 Cluster meeting, please help the organisers by notifying Mat Ford ([matthew.ford@bt.com](mailto:matthew.ford@bt.com)) of your interest.

## IST IPv6 CLUSTER MEETINGS

The 6th IST IPv6 Cluster meeting was held on 6th November in Copenhagen at the premises of LM Ericsson A/S. A [report of the meeting](#) is now available at the [Cluster website](#). The next IST IPv6 Cluster meeting is scheduled for 4th February 2003 in Brussels. Further details will be published on the website and announced on the mailing list in due course. Please notify Mat Ford ([matthew.ford@bt.com](mailto:matthew.ford@bt.com)) if you are interested in attending.

### ***Transition towards IPv6 in Europe***

At the most recent IPv6 Cluster Meeting, all IST IPv6-related projects were invited to contribute to this publication. Publication is planned for March 2003. The following aspects will be taken into account:

- Overview of IST R&D areas and their relations to IPv6;
- Deployment issues for IPv6, e.g. IPv6 Plug and Play, Multicast, Network Management, New Business Models, Performance and Conformance, Education and Training, etc, and;
- Impact of IPv6 on applications.

Projects are invited to contribute under each of the above headings. All contributions should be submitted by 31 January 2003. To complete the picture of IPv6 technology

status in Europe, the annual publication will provide interviews with key actors working in the area. For more information, please contact Peter Christ ([peter.christ@t-systems.com](mailto:peter.christ@t-systems.com)).

## IPv6 STANDARDISATION

The [latest IPv6 Technology Standardisation Report](#) is now available from the IST IPv6 Cluster website. This report attempts to capture the status of IPv6 technology standardisation in December 2002. It is primarily based on the proceedings of the 55th IETF meeting, but also includes updates on the activities of the Regional Internet Registries and 3GPP. The report is divided into various technology areas, and further subdivided into a discussion of the key issues and the new or actively developing standards in those areas.

## CONFERENCES AND WORKSHOPS

### *Recent Events*

- [IST 2002](#) in Copenhagen was the last big IST event of Framework Programme 5. The IPv6 Cluster booth attracted a lot of visitors with demonstrations from the Cluster projects 6NET, 6POWER, 6QM, 6WINIT, Android, Euro6IX, and LONG. In addition, IPv6 wireless connectivity was provided throughout the event venue, and the IPv6 session was broadcast to the [m6bone](#). During the event, the [IPv6 Cluster booklet](#) was distributed. This booklet gives an overview of the R&D work focussed on IPv6 in Europe. For further free copies please contact Jordi Palet ([jordi.palet@consulintel.es](mailto:jordi.palet@consulintel.es)).
- On October 1st, the All-IPv6-World group met in Brussels to continue defining the open research areas that should be covered by FP6 proposals. The group met again in Copenhagen during a "people networking" session (5th November) (see [here](#) for details). The final results of these meetings have been included in the IPv6 Cluster booklet.
- On 5th of November, a dedicated press briefing (Tomorrow's Internet) was issued by the leaders of European research in the fields of gigabit-speed networking, distributed 'grid' computing and the new IPv6 protocol. What will tomorrow's internet look like? The dossier provides, for the first time, a comprehensive view of how the EU sees the internet evolving over the next few years. The press dossier is available [here](#).
- The IST Broadband Event was held in Bucharest, last 9-11th October, including several talks related to IPv6 and IST projects. Presentations are [online](#).
- The [EURESCOM Summit 2002 "Powerful networks for profitable services"](#), organized in Heildelberg, 21 to 24 October, included several IST and IPv6 related speakers.
- Renater hosted last 28-30th of October the ["IPv6 Deployment Conference"](#), in Paris.
- Last 28-29th November, the 6th Symposium MobileCom (Mobile Communication for Everyone) was attended by over 200 people in Sophia-Antipolis. The documents are already available [online](#).
- T-Systems Nova was invited to give a business talk on IPv6 - "Connecting the Future" - on 12th November in Berlin. More than 230 participants from a broad range of businesses contributed to a very lively discussion of how to make IPv6 a reality in Germany. Several EU-funded projects contributed to the demonstrations and presentations.

- From 11 to 13 November 2002, the European Commission organised a [major conference](#) in Brussels to mark the launch of the EU's Sixth Framework Programme for research, which will cover the period from 2002 to 2006.
- As a direct result of the collaboration agreement between the IPv6 Promotion Council of Japan, the European IPv6 Task Force and the Eurov6 project, a European delegation will visit several Japanese research institutes and companies during the week of 16-20 December 2002. The delegation, led by the European Commission, will represent European IPv6 activities with delegates from 6NET, Euro6IX, IPv6TF-SC, 6LINK, and Eurov6. A detailed report of the delegation's work will be made available in due course.

### ***Forthcoming Events***

- 27-31 January 2003 - At [SAINT2003](#), European IPv6 research and deployment will be presented alongside projects and initiatives from the rest of the world. It is an IEEE Workshop.
- 3rd February 2003 - Research Infrastructures Information Day, Brussels. This event will provide an excellent opportunity to learn about the Research Infrastructures area (this is the new name for Research Networks) and the broader objectives of FP6. Further details will follow in due course.
- 4th February 2003 - IST IPv6 Cluster 7th Meeting. This will be a working meeting to develop the first annual publication of the IST IPv6 Cluster. Further details to follow.
- 1-4 April 2003 - Global IPv6 Summit in China. Further details available [here](#).
- 12th - 14th May 2003 - The next Madrid Global IPv6 Summit is being organized 12-14th of May 2003, together with an ETSI IPv6 Plug-test. Book your agenda now for a major IPv6 event! Further information will soon be available [here](#).
- 29th September - 2nd October 2003 - EURESCOM announced a call for papers for the third EURESCOM Summit 2003 "Evolution of Broadband Services", 29 September to 2 October 2003 in Heidelberg. Abstracts have to be submitted by 3 March 2003. Information is available [here](#).

## **LATEST NEWS**

- IPv6 connectivity over DWDM was established between the Spanish universities Universidad Carlos III and Universidad Politécnica de Madrid in November 2002. The connection, 53 kilometres length, has an intermediate hop at Telefonica I+D premises. The infrastructure has been provided by the Spanish National R&D project PREAMBULO, and will be used in several experiments, including the support of connectivity for IST projects such as LONG. The link was used as part of the IPv6 network for the LONG demos that took place in the 'IST 2002: Partnerships for the Future' conference.
- [Microsoft urges support for new IP](#)

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