



## Performing Arts Production Workshop 13-15 July 2009 - Trieste, Italy

The first TERENA and Internet2 hands-on audio/video production workshop will be held on 13-15 July 2009, hosted by GARR in cooperation with the Music Conservatory of Trieste, in Italy.

The workshop will emphasise the equipment and staffing requirements for interactive performing arts education, multi-site performance events and high quality netcasting over high-end features that only advanced research and education networks can deliver. It is meant to be the first in a series of annual workshops on this topic.

The July workshop targets people in the research and education community who produce performing arts events (academies or colleges of music, dance, arts etc.) and want to explore the possibilities and challenges of using advanced Internet and related services in their teaching, rehearsals and performances.

People involved in audio/video production in other domains can also greatly benefit from the workshop presentations and practical hands-on sessions with the leading edge advanced applications and services that research and education networking organisations can offer.

Main topics will cover:

- Digital Video Transport System (DVTS and HDVTS),
- Traditional and enhanced H.323 and SIP videoconferencing,
- Conference XP,
- Full audio and echo control computerised management,
- Lighting and video camera optimisation,
- Real-time monitoring of network performance and problem solving.

Workshop highlights will include the first presentation of a fully integrated, computerised audio and echo control system, and of LOLA - a low latency audio/video system experiment on high-bandwidth networks.

The workshop topics will be oriented towards participants' needs, in order to maximise the benefit to users with a non-technical background.

Further information at <http://www.garr.it/papws>



Conservatorio  
di musica  
Giuseppe  
Tartini

Trieste



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### Programme

		<b>Monday, 13 July</b>
12:00 - 13:00	Lunch and Registration	
13:00 - 13:30	Welcome	Ann Doyle - <i>Internet2</i> Valentino Cavalli - <i>TERENA</i>
13:30 - 14:15	Performing Arts Experiences in Catalonia	Artur Serra - <i>I2CAT Foundation, Barcelona</i> Xavier Carreras - <i>Gran Teatre del Liceu, Barcelona</i> María Isabel Gandía Carriedo - <i>CESCA, Barcelona</i>
14:15 - 15:15	Audio Overview	Brian Shepard - <i>University of Southern California</i>
15:15 - 15:30	Refreshment Break	
15:30 - 16:15	Violin Master Class Demonstration	Maria Fiore Mazzarini - <i>Conservatorio G. Tartini, Trieste</i> Catherine Miller - <i>New World Symphony, Miami</i>
16:15 - 17:00	Recap and Q&A	
		<b>Tuesday, 14 July</b>
9:30 - 10:30	Video-conferencing from The City Halls, Glasgow's Centre of Music	Gill Davies - <i>GDP Glasgow</i>
10:30 - 11:30	DVTS Overviews	Claudio Allocchio - <i>GARR</i> Ben Fineman - <i>Internet2</i>
11:30 - 12:15	Lighting	Lighting Staff - <i>Il Rossetti Theater, Trieste</i>
12:15 - 13:15	Lunch Break	
13:15 - 13:45	Presentation and demonstration of LOLA, the R&D project on low latency audiovisual communication for network musical performance by Conservatorio G. Tartini	Carlo Drioli - <i>Conservatorio G. Tartini, Trieste</i> Nicola Buso - <i>Conservatorio G. Tartini, Trieste</i>
13:45 - 15:00	Audio Breakouts	Brian Shepard - <i>University of Southern California</i>
15:00 - 15:15	Refreshment Break	
15:15 - 16:00	Codec Demonstration	Jack Vees - <i>Yale University (from remote)</i>
16:00 - 16:45	Conference XP	Jose Feghali - <i>Texas Christian University (from remote)</i>
16:45 - 17:00	Live Music Mode: case study and development	Stefan Karapetkov - <i>Polycom Inc. USA (from remote)</i>
17:00 - 17:30	Recap and Q&A	
		<b>Wednesday, 15 July</b>
9:00 - 10:00	Network Testing Tools	Ettore Tamiro - <i>GARR</i>
10:00 - 11:30	DVTS hands-on	Claudio Allocchio - <i>GARR</i> Ben Fineman - <i>Internet2</i>
11:30 - 12:00	Q&A and Wrap up	

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