



Red IRIS

HTASC
12 of June 2.003



Multimedia

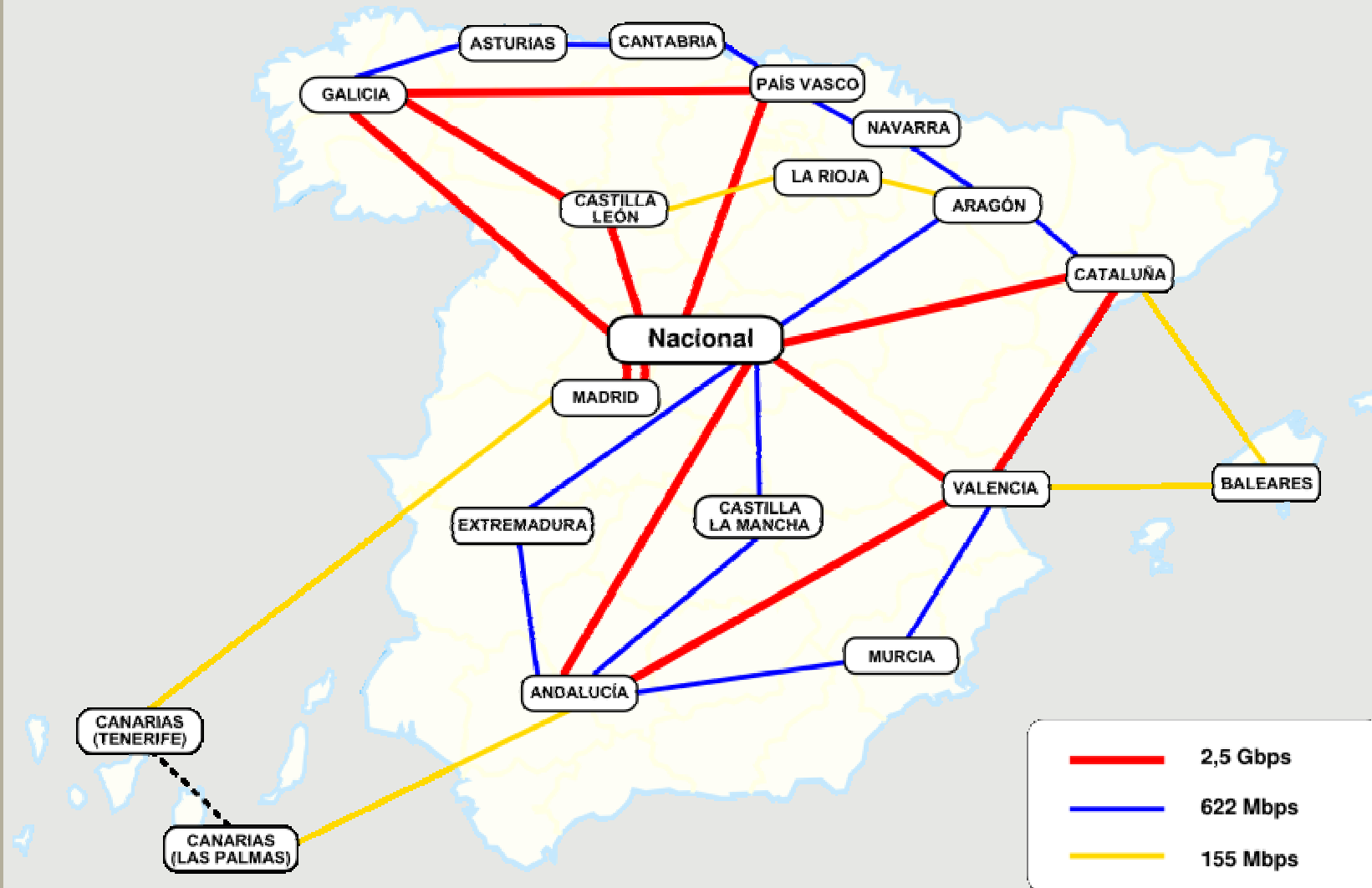
Jose María Fontanillo Muñiz
Multimedia Services
Red IRIS

fonta@rediris.es

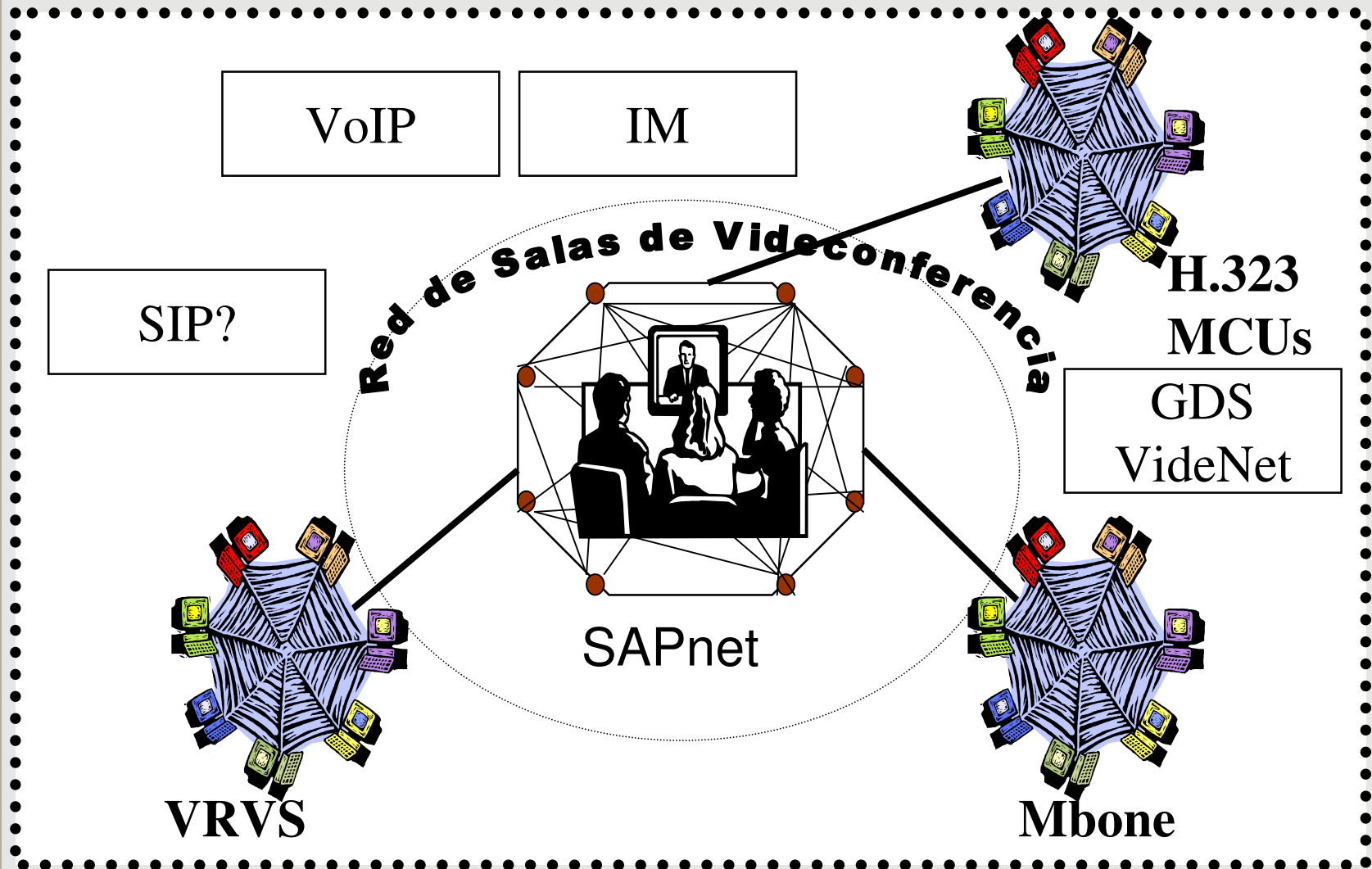
Red IRIS

- Spanish National Research & Education network.
- Provides network, middleware infrastructure and services.
- Multimedia services are coordinated among institutions using mailing lists and two meetings per year. (IRIS-MMEDIA working group.)
- RedIRIS2 makes possible high quality videoconferencing over IP.
- RedIRIS2 new network topology.

New Red IRIS2 map



Synchronous services



Synchronous services

- MBONE: Multicast network enabled. Can be used with different clients: UCL, OpenMash, etc.
- H.323 MCU: RedIRIS provides H.323 multiconference with Accord MGC-25.
- We are going to implement GDS.
- IM: instant messaging based on Jabber.
<http://www.rediris.es/mmedia/im>

SAPNET

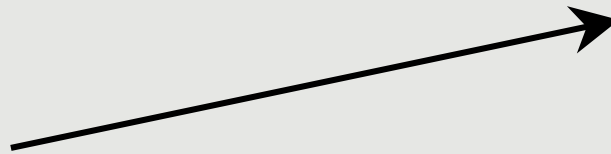
- SAPNET: videoconference room network.
 - We consider videoconference rooms as the center of videoconferencing services.
 - Documentation about videoconference rooms is at <http://www.rediris.es/mmedia/salas>. It was the result of a small working group.
 - We made a standardization of three types of rooms: small meeting rooms, e-learning, assembly rooms.
 - In the future, directory of videoconference rooms in Spain, could be a prioritized network (if it's needed) <http://www.rediris.es/mmedia/sapnet>

VRVS

- We try to extend the use VRVS to other communities (not only HEP).
- There is a RedIRIS Community inside VRVS using private reflector topology and rooms.
- RedIRIS organized a Virtual Course about the use of VRVS with the collaboration of David Collados from the VRVS team.
 - Documentation in Spanish:
<http://www.rediris.es/mmedia/vrvs>
 - The initiative was very successful: around 900 people and many of them from Latin America.
- We promoted the elimination of filters that could block the use of VRVS
<http://www.rediris.es/vrvs/portvrvs.es.html>

VRVS

o Some stats:



<u>Country</u>	<u>Users</u>
USA	903
Spain	749
Italy	304
Swiss	278
Germany	188
France	181
UK	164
Japan	80
Canada	70
Taiwan	60
Greece	58
Argentinean	51
Russia	47

VRVS

o Some Stats:

- Total connections to RedIRIS rooms in VRVS: 27800
- Total users login in the last 30 days in VRVS system: 1896
- Users login in the last 30 days in VRVS that they belongs to RedIRIS community: 373