Following «WorldMed», co-organised in 2002 with the «Club de Marseille», AFAS and IN2P3 have initiated in 2004 a series of annual «Sharing Knowledge» meetings. After Geneva in May 2004 (50th anniversary of CERN), the second session was held in September 2005 in Casablanca and the third will have the privilege of being hosted by the prestigious Abdus Salam Institute in Trieste.

These meetings are limited to a maximum of 200 attendants so as to allow an active participation of the audience. Invitations will be directed not only to senior scientists and decision makers but also to younger scientists from Southern countries, including those presently training in Europe or the United States.

Emphasis this year will be on the necessity for researchers of the North and of the South to work together to respond to threats which are global in nature (such as emerging illnesses or climate change) but also on measures aiming at a sustainable development for our planet (managing water and energy, or the agricultural revolution). For this to happen an intensive communication between researchers is mandatory, be it through the Internet or by international mobility of individuals. The development of international research centers is a growing trend of research and will apply both to North-South and to regional South-South partnerships.

The meeting will be dedicated to the memory of Abdus Salam on the 10th anniversary of his death.

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Sunday 5 November 2006

Registration

2 pm Excursion: visit to «Grotta Gigante» and to the Elettra synchrotron radiation source.
A party will be offered to participants by the management of Elettra.

Monday 6 November 2006

8 am Registration

9 am Opening Session: keynote addresses

- Katepalli Sreenivasan, Director, ICTP Trieste
- Fabio Mussi, Italian Minister of Universities and Research
- Alfonso Pecoraro Scanio, Italian Minister of Environment and Territories
- Hani Helal, Minister of Higher Education and Research of Egypt
- Atta-ur-Rahman, Minister of Higher Education and Research of Pakistan
- Zafer El-Alalem, Minister of Water and Irrigation, Hashemite Kingdom of Jordan

10:30 am Break

11 am INTERNATIONAL MOBILITY OF RESEARCHERS
(Conveners: Jean-Patrick Connerade, Imperial College, London)

- The European Chart of Researchers (Sigi Gruber, European Commission)
- Access of Students of Southern Countries to Marie-Curie Fellowships (Alexandre Quintanilha, Molecular and Cellular Biology Institute, Lisbon)
- Report on Scientific Diasporas (Mohamed Harfi, Centre d’analyse stratégique, Paris)
- Round Table: Diasporas and Scientific Development in the South: Testimonies
  with Abderrahmane Tadjeddine, CNRS- Direction - Zohra Ben Lakhdar, University of Tunis - Majed Chergui, EPFL Lausanne - Azzeddine Elmidaoui, University Ibn Tofail, Kenitra - Abdeslam Hoummada, University Hassan II, Casablanca

1 pm Lunch break

2:30 pm INTERNATIONAL RESEARCH CENTERS
(Conveners: Herwig Schopper, SESAME UNESCO Committee, and John Ellis, CERN)

- Status of the SESAME Project (Herwig Schopper, President of SESAME Council)
- Preparing for LHC at CERN and Non-Member States Participation (John Ellis, CERN)
- Round Table of (Present and Future) Users of CERN and SESAME Programmes, moderated by par John Ellis with Driss Benchekroun, Casablanca - Mohamed Sherif, University of Cairo - Hafeez Hoorani, National Center for Physics, Islamabad - Djamel Eddine Akretche (University Houari Boumediène, Alger) - Eliezer Rabinovici, Hebrew University, Jerusalem
- How Fundamental Research Breeds Innovative Startups (Bernard Daugeras, Auriga Partners, Paris)

4:30 pm Break

5 pm FIGHTING THE DIGITAL DIVIDE
(Conveners: Guy Wormser, Laboratoire de l’accélérateur linéaire, Orsay)

- The EulMedGrid project (Federico Ruggieri, INFN Uni Roma 3)
- EGEE: Using the Grid to Solve Scientific Problems. An Example: a Search for Molecules Active against H5N1 (Vincent Breton, IN2P3 Clermont-Ferrand)
- **Broadcasting Satellite Images for the Benefit of the South** (Alain Retière, UNOSAT, Geneva)
- **Sub-Saharan Africa is a Dark Zone for World Internet: Sounding an Alarm**” (Les Cottrell, SLAC, Stanford University)

### 6:30 pm
End of Session

### 7 pm
Welcome party and buffet in the main building

### 8:30 pm
Special Session (open to the Public outside the Conference)
(Chairman: Katepalli R. Sreenivasan)

- **Misconceptions about Science in Muslim Countries** (Reza Mansouri, Teheran)
  The conference by Professor Mansouri will be followed by a discussion.

### Tuesday 7 November 2006

#### 8:30 am
**THE AGRICULTURAL REVOLUTION AND SOUTHERN COUNTRIES**
(Convener: Alain Capillon, ENSAM, Montpellier)

- **New Trends of World Agriculture: Reconciling Environment and Productivity** (Alain Capillon, ENSAM, Montpellier)
- **Precision Agriculture** (Martine Guéris, INRA, Avignon)
- **Managing Water for Agriculture** (Nicola Lamaddalena, Mediterranean Agronomic Institute, Bari)
- **The Impact of Climatic Change** (Bernard Seguin, INRA, Paris, and Netij Ben Mechlia, INRAT, Tunis)

#### 10:30 am
Break

#### 11 am
**EMERGING DISEASES**
(Convener: Jeanne Brugère-Picoux, Ecole nationale vétérinaire d’Alfort)

- **Animal Reservoir of Emerging Diseases for Man** (Jeanne Brugère-Picoux, Ecole nationale vétérinaire d’Alfort)
- **Avian Influenza, an Emerging Menace** (Ilaria Capua, Istituto Zooprofilattico delle Venezie, Padua)
- **Avian Influenza in Romania** (Doina Danes, faculté de médecine vétérinaire, Bucarest)
- **Avian Influenza and Other Poultry Pathologies in Sub-Saharan Africa: a Personal Experience from Benin** (Lionel Gbaguidi, Cotonou)
- **West Nile Virus and Avian Influenza in Israel** (Caroline Noach-Banet, Kimron Veterinary Institute, Beit Dagan)

#### 1 pm
Lunch break

#### 2:30 pm
**Working Groups: Preparing recommendations to be discussed Wednesday afternoon**

- **Working group on Sub-Saharan Africa** (Monique Petitdidier, Institut Pierre-Simon Laplace, Paris)

#### 4 pm
Break

#### 4:30 pm
**SEA WATER DESALINATION**
(Convener: Miriam Balaban, European Desalination Society, L’Aquila)

- **Ashkelon (300,000 m³/d): the Largest Reverse Osmosis Desalination Facility in the World** (Bruno Sauvet-Gau- chon, VEOLIA, Paris)
- **The Red Sea-Dead Sea Project: Engineering Aspects** (Pinchas Glueckstern, Mekorot Water Company, Tel-Aviv)
- **Round Table: Managing Water Resources in the Middle East**
  with Shimon Tal, Water Commissioner, Israel - Fadel Kawash, Water Commissioner, Palestinian Authority - Zafer El-Alalem, Minister of Water and Irrigation, Hashemite Kingdom of of Jordan - Saad Bakri, General Secretary of the Ministry of Water and Irrigation, Hashemite Kingdom of of Jordan
Wednesday 8 November 2006

9 am ENERGY FOR DEVELOPMENT
(Convener: Dominique Gentile, CEA)
- Shihab El-Din, Secretary General of OPEP (to be confirmed)
- Energy Prospects in the Next 50 Years: Dividing by 4 CO₂ Emission from Industrialized Countries, a Contribution to Sustainable Development in the South (Dominique Maillard, DGEMP, Ministry of Industry, Paris)
- Renewable Energies at CIEMAT (Juan-Antonio Rubio, CIEMAT, Madrid)
- Fossil Energies in North Africa (Abdenour Keramane, ex-Industry Minister and MD SONELGAZ, Alger)
- Is there a Future for Nuclear Energy in the South? (Jacques Bouchard, CEA, Paris)
- Sea Water Desalination by Cogeneration with Nuclear Reactors (Simon Nisan, CEA, Cadarache)
- The Stakes of Energy Efficiency in Southern Countries (Samir Allal, University of Versailles-Saint-Quentin-en-Yvelines)

11 am Break

11:30 am FROM CLIMATIC CHANGES TO COASTAL OVERPOPULATION: MAN-MADE DISASTERS
(Convener: Yves Lancelot, Centre d’océanologie de Marseille)
- Consequences of Climate Change for the Mediterranean Area (Filippo Giorgi, ICTP Trieste)
- Population Drift towards the Coastline and Marine Environment in the Mediterranean; Assessment, Foreseen Future and Alternatives (Mohamed Ennabli, ex-Environment Minister of Tunisia)
- Coastal Overpopulation and Consequences in Morocco (Mohamed Amer, Secretary General of the Environment Ministry, Morocco)
- Consequences of Coastal Pollution on Marine Life in the Mediterranean (Oum Kalthoum Ben Hassine, University of Tunis)

1 pm Lunch break

3 pm Rapporteurs reports and Conclusion

5 pm End of Meeting