The Abdus Salam International Centre for Theoretical Physics

United Nations Educational, Scientific and Cultural Organization

IAEA International Atomic Energy Agency

Joint AAP/ICTP Activity on Special Training for install and use a Multi-Tier Data Infrastructure for storage and processing of climate related data for UNDP/AAP

Cosponsor(s): UNDP/AAP Project
Director(s): Joseph Intsiful (AAP/UNOPS, Dakar, Senegal)
Organizer(s): Dr. C. Onime (ICTP, Trieste, Italy) and Dr. S. Cozzini (CNR/IOM Democritos, Italy)
Local Organizer(s): Dr. S. Cozzini (CNR/IOM Democritos, Italy)
Trieste - Italy, 25 July 2011 - 5 August 2011

Final programme

Day 1: opening session (Room:Adriatico Guest House Denardo Lecture Hall)

25 July 2011

08:00 - 09:00	(Room: Adriatico Guest House (Lower Level 1)) **Registration / Administrative Formalities**
09:00 - 09:30	**OPENING and WELCOME**
09:30 - 10:30	**Joseph Intsiful** / *UNDP/AAP* **Introduction to UNDP/AAP project**
10:30 - 11:00	--- Coffee Break ---
11:00 - 12:30	**Stefano Cozzini** **Introduction to HW tools for climate data**
12:30 - 14:00	--- Lunch Break ---
14:00 - 16:00	**Demo/hands on on installing climate server**
16:00 - 16:30	--- Coffee Break ---
16:30 - 18:30	**Demo/hands on on installing climate server**

Day 2: Basic software tools for Climate Data server (Room:Adriatico Guest House Denardo Lecture Hall)

26 July 2011

09:00 - 10:30	**Stefano Cozzini** **Introduction to software tools for Climate Data server**
10:30 - 11:00	--- Coffee Break ---
11:00 - 12:30	**Graziano Giuliani** / *ESP group ICTP* **Introduction to NetCDF Libraries**
12:30 - 14:00	--- Lunch Break ---
14:00 - 16:00	**Demo/hands on on installing software for climate server**
16:00 - 16:30	--- Coffee Break ---
16:30 - 18:30	**Demo/hands on on installing software for climate server**

Day 3: IDV/Ramadda/TDS tutorial (Room:Adriatico Guest House Denardo Lecture Hall)

27 July 2011

09:00 - 10:30	**Don Murray** **Introduction to IDV (overview /installation)**
10:30 - 11:00	--- Coffee Break ---
11:00 - 12:30	**Don Murray** **Introduction to IDV (intro to GUI/loading datasets)**
12:30 - 14:00	--- Lunch Break ---
14:00 - 16:00	**Don Murray/Tyanko Aleksiev** **Installing Tomcat and Introduction to TDS**
16:00 - 16:30	--- Coffee Break ---
16:30 - 18:30	**Don Murray/Tyanko Aleksiev** **IDV interaction with TDS**

Day 4: IDV/Ramadda/TDS Tutorial (Room:Adriatico Guest House Denardo Lecture Hall)

28 July 2011

09:00 - 10:30	**Don Murray** **Working with Gridded Data**
10:30 - 11:00	--- Coffee Break ---

11:00 - 12:30	**Don Murray** **Working with Gridded Data Satellite Data and Bundles**
12:30 - 14:00	--- Lunch Break ---
14:00 - 16:00	**Jeff McWhirter/Don Murray** **Overview of RAMADDA and installation of RAMADDA**
16:00 - 16:30	--- Coffee Break ---
16:30 - 18:30	**Jeff McWhirter/Don Murray** **Publishing to RAMADDA from IDV**

Day 5: IDV/Ramadda/TDS Tutorial (Room:Adriatico Guest House Denardo Lecture Hall)

29 July 2011

09:00 - 10:30	**Jeff McWhirter/Don Murray** **More IDV (GIS data ingestion)**
10:30 - 11:00	--- Coffee Break ---
11:00 - 12:30	**Jeff McWhirter/Don Murray** **More IDV(importing and displaying point data and other display types**
12:30 - 14:00	--- Lunch Break ---
14:00 - 16:00	**Jeff McWhirter/Don Murray** **Advanced RAMADDA (data upload and display point data) (I)**
16:00 - 16:30	--- Coffee Break ---
16:30 - 18:30	**Jeff McWhirter/Don Murray** **Advanced RAMADDA (data upload and display point data) (II)**

Day 6: Free Exercises (Room:Adriatico Guest House Denardo Lecture Hall) (**Saturday**)

free time (**Sunday**)

Day 7: IDV/Ramadda/TDS Tutorial (Room:Adriatico Guest House - Eklund Informatics Lab (Lower Level 1))

1 August 2011

09:00 - 10:30	**Jeff McWhirter/Don Murray** **Advanced IDV/RAMADDA**
10:30 - 11:00	--- Coffee Break ---

11:00 - 12:30	**Jeff McWhirter/Don Murray** **IDV Formulas/Jython**
12:30 - 14:00	--- Lunch Break ---
14:00 - 16:00	**Jeff McWhirter/Don Murray** **advanced publishing**
16:00 - 16:30	--- Coffee Break ---
16:30 - 18:30	**Jeff McWhirter/Don Murray** **IDV configuration**

Day 8: IDV/Ramadda/TDS Tutorial (Room:Adriatico Guest House - Eklund Informatics Lab (Lower Level 1))

2 August 2011

09:00 - 10:30	**Jeff McWhirter/Don Murray** **Participant Interactions: African datasets**
10:30 - 11:00	--- Coffee Break ---
11:00 - 12:30	**Jeff McWhirter/Don Murray** **Participant Interactions: African datasets**
12:30 - 14:00	--- Lunch Break ---
14:00 - 16:00	**Jeff McWhirter/Don Murray** **Participant interactions**
16:00 - 16:30	--- Coffee Break ---
16:30 - 18:30	**Jeff McWhirter/Don Murray** **Participant Interactions**

Day 9: Ensemble project contribution (Room:Adriatico Guest House - Eklund Informatics Lab (Lower Level 1))

3 August 2011

09:00 - 10:30	**Antonio Cofino/Daniel San-Martín** **Ensemble presentations (I)**
10:30 - 11:00	--- Coffee Break ---
11:00 - 12:30	**Antonio Cofino/Daniel San-Martín** **Ensemble presentations (II)**
12:30 - 14:00	--- Lunch Break ---
14:00 - 16:00	**M.Baricevic/ I.Gregori** **hands on sessions: configuring remote management of ups and data server**
16:00 - 16:30	--- Coffee Break ---

16:30 - 18:30	**M.Baricevic/ I.Gregori** **hands on sessions: configuring remote management of ups and data server**

Day 10: Personal Work (Room:Adriatico Guest House - Eklund Informatics Lab (Lower Level 1))

4 August 2011

09:00 - 10:30	**Working in team to prepare/define country implementation plans**
10:30 - 11:00	--- Coffee Break ---
11:00 - 12:30	**Working in team to prepare/define country implementation plans**
12:30 - 14:00	--- Lunch Break ---
14:00 - 16:00	**Defining Datasets to bring home**
16:00 - 16:30	--- Coffee Break ---
16:30 - 18:30	**Defining Datasets to bring home**

Day 11: closing session (Room:Adriatico Guest House Denardo Lecture Hall)

5 August 2011

09:00 - 10:30	**TBA** **Participants\' presentations about implementation plans**
10:30 - 11:00	--- Coffee Break ---
11:00 - 12:00	**TBA** **Participants\' presentations about implementation plans**
12:00 - 12:30	**Stefano Cozzini/Joseph Intsiful** **Closing Remarks**
12:30 - 14:00	--- Lunch Break ---