

# Rain Cell Africa Workshop

## Ouagadougou - 30-31 March 2015

### Preliminary Schedule

**Monday, 30 Mar. 2015 – DAY 1**

<b>08:45 - 10:30</b>	<b>Session 1:</b> Welcome and overview on measurement of precipitation in West Africa
08:45 - 09:15	<b>François Zougmore, Marielle Gosset, Harald Kunstmann, Frederic Cazenave</b> : Welcome and introduction to Raincell Africa
09:15 - 09:40	<b>Abou Amani</b> , UNESCO, Kenya : Water issues and need for rainfall monitoring in Africa – A global perspective
09:40 - 10:05	<b>Serge Janicot</b> , IPSL, France : Key questions left opened after AMMA and need for observations
10:05 - 10:30	<b>Marielle Gosset</b> , GET/IRD, France : Megha Tropiques / GPM – Validation results in Africa, - Limits of the current products.
<b>10:30 - 11:00</b>	<b>Coffee break</b>
<b>11:00 - 12:15</b>	<b>Session 2:</b> Rainfall estimation in West Africa: Initiatives, methods and analyses
11:00 - 11:25	<b>Boubacar Barry and Harald Kunstmann</b> , WASCAL, Burkina Faso/ Germany : Hydrometeorological Observation Testbeds and -Networks within WASCAL
11:25 - 11:50	<b>Theo Vischel</b> , LTHE, France : Extreme hydrometeorological events and their trends – Which rainfall observations is needed to monitor and understand
11:50 - 12:15	<b>Ali Doumounia, Modeste Kakou, et al.</b> , LAME, Burkina Faso, LAPA, Cote Ivoire : Rainfall measurement from telecom networks : first results from the Ouagadougou test bed
12:15 - 13:30	<b>Lunch break</b>
<b>13:30 - 18:00</b>	<b>Session 3:</b> Rainfall monitoring using microwave commercial links – An introduction

13:30 - 14:10	<b>Harald Kunstmann and Christian Chwala</b> , KIT/WASCAL, Germany : Rainfall monitoring by cellphone networks – state of the art and examples from Germany
14:10 - 15:30	<b>Prof. Hagit Messer-Yaron and Pinhas Alpert</b> , TAU, Israel : 10 years of rainfall mapping from MW measurements in Israel: results and challenges - Video transmission followed by audio com
15:30 - 16:20	<b>Jörg Rieckermann</b> , EAWAG, Switzerland : Rainfall monitoring based on cellular for urban hydrology / drainage control applications - Video transmission followed by audio com
16:20 - 17:00	<b>Hidde Leijnse, KNMI and Remko Uijlenhoet</b> , WUR, Netherland : Applications, uncertainties and 2D maps
<b>17:00 - 18:00</b>	<b>General Discussion</b>
<b>18:00 - 21:00</b>	Ice Breaker' Cocktail - Guests : Ministers, Télécom compagnies DG , ARCEP President, etc.

## Tuesday, 31 Mar. 2015 – DAY 2

<b>08:30 - 12:00</b>	<b>Session 4:</b> Rainfall monitoring using microwave commercial links : Prospect in Africa
08:30 - 09:10	<b>Joost C.B. Hoedjes</b> , ILRI, Kenya : Combining MW links and Meteosat Second Generation for real-time rainfall observations in Kenya
09:10 - 09:30	<b>Pr Emmanuel Tonye et al.</b> , Univ Yaounde & Douala, Cameroun : Urban Environment alarm based on cell network and prospect for a RainCell project in Cameroun
09:30 - 09:50	<b>Arnaud Zannou et al</b> , PNUD/UAC/CIPMA, Benin : Prospect in Benin in the framework of the Flood alarm system (SAP)
09:50 - 10:10	<b>Ousmane N'Diaye</b> , DMN, Senegal / <b>Valérie Soti</b> , CIRAD/CSE: Prospect in the framework of weather forecast/ alarm and the MISVA project in Senegal and agriculture applications.
10:10 - 10:30	<b>Ibrahim Bamba, Bamory Kamagate &amp; Modeste Kacou</b> UHB, Cote Ivoire : Prospects for RainCell Application in Ivory Coast

10:30 - 10:50	<b>François Zougmore / Frederic Cazenave</b> , LAME/LTHE, Burkina/France : Next stages for RainCell Burkina with Telecel Faso
10:50 - 11:10	<b>Abdoulaye Bassole, Boubacar, Barry, Harald Kunstmann</b> , WASCAL : ONATEL and the prospects in the framework of WASCAL
<b>11:10 - 11:30</b>	<b>Coffee break</b>
11:30-12:00	<b>Hamza Kabelwa/ Alfgei Daniel, Tanzania</b> – Prospect for RainCell within the PNUD-CIRDA program.
<b>12:00 - 13:00</b>	<b>RainCell Africa - General discussion of next steps for initiating a joint initiative</b> (white book, funding opportunities, etc.)
<b>13:00 - 14:30</b>	<b>Lunch - Workshop closing up.</b>
<b>14:30 - 18:00</b>	<b>Training school</b>

**Wednesday, 1st Apr. 2015 – DAY 3 - Training school**

**Thursday, 2d Apr. 2015 – DAY 4 - Training school**