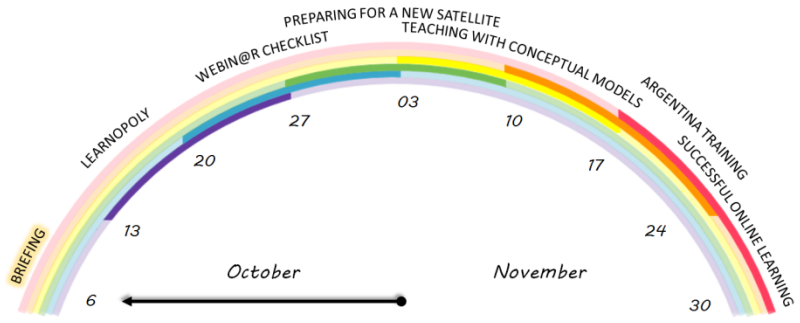

CALMet Online 2014

6 October – 30 November

Diverse in Culture – United in Learning

CALMet Online 2014 aims to highlight the fact that despite our various backgrounds, cultural differences and diverse organizational environments, we all share the same need to learn more about training and education in our disciplines, and become better professionals. The goal of CALMet Online 2014 is to demonstrate a variety of learning approaches, suitable for application and adaptation across various institutions and practices.

Briefing

6 – 12 October

Sarah Kimani (IMTR, Kenya)

We are going to have various African meteorologists who will be discussing the current weather and other interesting weather phenomena that may be taking place over Africa during the week.

Learnopoly

13 - 26 October

Patrick Parrish (WMO) and Maja Kuna (EUMETSAT)

In this game-base workshop, teams of players are chosen and at random, provided a set of learning outcomes and a learning solution to be used online or in a classroom. The goal of the game is to design the most and the best set of learning activities.

Webin@r Checklist

20 October – 02 November

Maja Kuna (EUMETSAT), Luciane Veeck (VLab), Anna Ghelli (ECMWF), Ivan Smiljanic (EUMeTrain), Alessandro Chiariello (EUMETCAL)

In this session we will try to collect all the items for the webinar preparatory and post event checklist.

Preparing for A New Satellite : New and Old Challenges mixed with Opportunities

27 October - 09 November

Bernadette Connell (CIRA)

During the first week of this session we will look at basic types of information available for GOES-R and participants will help classify who the information should be directed towards and why. During the second week, we will focus on aspects of data access and visualization to create a product example in preparation for the new satellite.

Teaching with Conceptual Models

03 – 23 November 2014

Marianne Weingroff (COMET) and Bruce Muller (COMET)

In this session, we'll define conceptual models, discuss best practices for teaching with them, develop a resource list of conceptual models mapped to the BIP-M outcomes, and identify conceptual models that need to be developed to support our collective training needs.

Meteorological Training Experiences in Argentina :

10 – 23 November 2014

Experience Zonda: An example of A Conceptual Model Applied on A Simulator - *Experiencia Zonda: Ejemplo de Modelos Conceptuales Aplicando Simuladores.* **Graciela Rolón (Servicio Meteorológico Nacional - Argentina)**

Experience in Distance Learning in Meteorology **Moira Doyle, Elizabeth Castañeda, Leonor Bonan, Lorena Gonzalez and Ana Pittaro (Department of Atmospheric and Oceanic Sciences of the University of Buenos Aires)**

Succesful Online Learning : What Strategies Do We Need?

17 – 30 November 2014

Roger Deslandes and Bodo Zeschke (Bureau of Meteorology, Australia)

Based on two case studies that the Bureau of Meteorology Training Centre have recently engaged in, the key objective of this session is that participants will be able to utilise these and similar strategies to enhance their own training events.

SESSION DETAILS

CALMet Online 2014

Briefing

6 – 12 October

Sarah Kimani (IMTR, Kenya)

In this session we are going to have various African meteorologists who will be discussing the current weather and other interesting weather phenomena that may be taking place over Africa during the week. The purpose of this session is to interact with each other using weather and meteorological issues, and to introduce this mode of learning and training as a tool for training and holding very low bandwidth webinars.

Learnopoly

13 - 26 October

Patrick Parrish (WMO) and Maja Kuna (EUMETSAT)

In this game-base workshop, teams of players are chosen and at random, provided a set of learning outcomes and a learning solution to be used (Classroom, Online Synchronous Course, Online Asynchronous Course). The goal of the game is to design the most and the best (most effective and the engaging) set of learning activities.

Webin@r Checklist

20 October – 02 November

Maja Kuna (EUMETSAT), Luciane Veeck (VLab), Anna Ghelli (ECMWF), Ivan Smiljanic (EUMeTrain), Alessandro Chiariello (EUMETCAL)

In this session we will try to collect all the items for the webinar preparatory and post event checklist. This list will help everyone to remember important steps in the process like...the audience. Yes! We need a presenter, a tool, an audience and...Let's explore and map the other pieces in the Webin@r Checklist session.

Preparing for A New Satellite : New and Old Challenges mixed with Opportunities

27 October - 09 November

Bernadette Connell (CIRA)

During the first week of this session we will look at basic types of information available for GOES-R and participants will help classify who the information should be directed towards and why. We will also encourage participants to offer suggestions on how to modify the content for their region or another type of user. During the second week, we will focus on aspects of data access and visualization to create a product example in preparation for the new satellite. As a participant you can either create your own example or collaborate with and use the talents of other participants to create a basic example for your chosen intended audience (intern, experienced, expert).

Teaching with Conceptual Models

03 – 23 November 2014

Marianne Weingroff (COMET) and Bruce Muller (COMET)

The use of conceptual models can enhance a student's understanding of the physical world. Bringing them to life via visualizations and simplified conceptual models can help dispel misconceptions and lead to a better understanding of the dynamics of the physical world. In this session, we'll define conceptual models, discuss best practices for teaching with them, develop a resource list of conceptual models mapped to the BIP-M outcomes, and identify conceptual models that need to be developed to support our collective training needs.

Succesful Online Learning : What Strategies Do We Need?

17 – 30 November 2014

Roger Deslandes and Bodo Zeschke (Bureau of Meteorology, Australia)

A key challenge in delivering successful on-line learning and development activities is to employ strategies that promote learner engagement through interactions. Based on two case studies that the Bureau of Meteorology Training Centre have recently engaged in, the key objective of this session is that participants will be able to utilise these and similar strategies to enhance their own training events.

Meteorological Training Experiences in Argentina :

10 – 23 November 2014

Experience Zonda: An example of A Conceptual Model Applied on A Simulator - *Experiencia Zonda: Ejemplo de Modelos Conceptuales Aplicando Simuladores.*

Graciela Rolón (Servicio Meteorológico Nacional - Argentina)

Training forecasters in our country is a challenge. The newly developed conceptual models (CM4SH) provide a great opportunity for upgrading competencies. A Simulator offers the possibility of carrying out a real operational activity. The participant will be involved in following all the necessary steps and get around a variety of obstacles to make this learning experience a success. Planning, preparation, implementation and evaluation are essential to train forecasters on simulators.

Experience in Distance Learning in Meteorology **Moira Doyle, Elizabeth Castañeda, Leonor Bonan, Lorena Gonzalez and Ana Pittaro (Department of Atmospheric and Oceanic Sciences of the University of Buenos Aires)**

During 2013 the Department of Atmospheric and Ocean Sciences (DCAO) of the University of Buenos Aires, Argentina faced a new challenge: transforming a presential course on General Meteorology into a distance learning course. This first experience in distance learning brought together a group of experts in meteorology, distance learning and didactics of science teaching. After a year of hard work the distance learning course is ready to see light during the second semester 2014. Using Moodle platform students will take a course on General Meteorology, their first Atmospheric Science course in the University of Buenos Aires.

For detail information, please visit to the website: http://www.calmet.org/p/calmet-online-2014.html