

Program activity

February 4 – 19: On-line e-WRF course on <http://www.m2lab.org>. To register, follow this link here: <http://www.m2lab.org/login/signup.php?>. Once you have registered, please e-mail Dr. Michel Mesquita (mmeclimate@gmail.com) and inform him which language you want to use, as the course is available in English, French and Portuguese. Note that to attend the workshop, participants need to have finished the on-line course!

February 23 – 26: Seychelles workshop

Time	Tuesday	Wednesday	Thursday	Friday
8:30-9:00	<i>Opening</i>	===000===	===000===	===000===
9:00-9:45	TL1: Haraldur	WL1: Haraldur	ThL1: Haraldur	WS-Present
9:45-10:30	TL2: Olafur	WL2: Olafur	ThL2: Morgan	WS-Present
10:30-11:00	<i>Refreshment</i>	<i>Refreshment</i>	<i>Refreshment</i>	<i>Refreshment</i>
11:00-11:45	TL3: Karolina	WL3: Karolina	ThL3: Haraldur	WS-Present
11:45-12:30	TL4: Morgan	WL4: Morgan	ThL4: Morgan	WS-Present
12:30-14:00	<i>Lunch</i>	<i>Lunch</i>	<i>Lunch</i>	<i>Lunch</i>
14:00-14:45	TLab-exc1	WLab-exc1	ThLab-exc1	WS-Present
14:45-15:30	TLab-exc2	WLab-exc2	ThLab-exc2	WS-Present
15:30-16:00	<i>Refreshment</i>	<i>Refreshment</i>	<i>Refreshment</i>	<i>Closing</i>
16:00-16:45	TLab-exc3	<i>Visit to Seych.</i>	ThLab-exc3	
16:45-17:30	TLab-exc4	<i>Met. Office</i>	ThLab-exc4	

Lecture plan:

TL1: Introduction to atmospheric physics (Prof. Haraldur Ólafsson)

TL2: Introduction to the WRF modeling system (Dr. Ólafur Rögnvaldsson)

TL3: Forecast verification (Mrs. Karolina Stanislawska)

TL4: 2Bdecided (Dr. Morgan B. Yarker)

WL1: Tropical cyclones (Prof. Haraldur Ólafsson)

WL2: Introduction to the WOD operational weather forecasting system (Dr. Ólafur Rögnvaldsson)

WL3: Forecast errors and bias correction (Mrs. Karolina Stanislawska)

WL4: 2Bdecided (Dr. Morgan B. Yarker)

ThL1: Weather vs. climate (Prof. Haraldur Ólafsson)

ThL2: 2Bdecided (Dr. Morgan B. Yarker)

ThL3: Seasonal forecasts (Prof. Haraldur Ólafsson)

ThL4: 2Bdecided (Dr. Morgan B. Yarker)

Lab exercise plan:

TLab-exc1: Data visualization – Cross-sections using NCL

TLab-exc2: Data visualization – Contour plots using NCL

TLab-exc3: Data post-processing – Extr. sub-domains and variables using CDO

TLab-exc4: Data post-processing – Extr. point values from WRF files

WLab-exc1: Setting up a new domain

WLab-exc2: Run a new simulation

ThLab-excX: Work with model output from WLab-exc1/2 and prepare Friday's presentations