**Program: Second Fatima (In-Person) Workshop**

**McKenna Conference Center Room B02, University of Notre Dame**

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| 7.30 – 8.30  | Breakfast (Continental), Room B01 |
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| 8.30 - Chair: H.J.S. Fernando (Notre Dame) | All Sessions: Room B02 |
| 8.30 - 8.45  | Opening RemarksVice President for Research: Robert Bernhard Program Officers: Dan Eleuterio/Josh Cossuth/Kate Mulreany |
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| Chair: Kelly Huang |  |
| 8.45 - 9.15  | H.J.S. Fernando: Fatima - Organization, Science Goals and Progress  |
| 9.15 – 9.40 | Qing Wang: NPS Plans of Fog and Optical Propagation Measurements in Fatima Grand Banks Field Campaign’ |
| 9.40 – 10.05 | Clive Dorman: Sable Island and Grand Banks Fog Relative to Synoptic Variations |
| 10.05 - 10.30 | Eric Pardyjak: UofU update |
| 10.30 –10.55 | Lian Shen: Simulation of Marine Environment and Fog Processes |
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| 10.55 – 11.10  | Coffee Break, Room B01 |
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| Chair: Eric Pardyjak |  |
| 11.10– 11.30 | Luc Lenain: Multi-platform observations of fog micro-physical properties, air-sea interaction and upper ocean processes |
| 11.30 – 11.50 | Adele Igel: Marine Fog Detection Using Geostationary Satellites |
| 11.50 – 12.10 | Darko Koracin: Fog cascade: From synoptics to microscales |
| 12.10 – 12.30 | Sasa Garbesek: NRL Visibility Forecasting and FATIMA |
| 12.30 - 12.50 | David Richter: Microphysical processes as represented in numerical models |
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| 12.50– 1.50 | Lunch (Sit down), Room B01  |
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| Chair: Clive Dorman |  |
| 1.50 - 2.05 | Kelly Huang/Eliezer Kit: Fully resolving velocity and temperature fluctuations with the super-combo probe |
| 2.05 – 2.20 | Iossif Lozovatsky: Upper ocean turbulence measurements during Fatima |
| 2.20 – 2.35 | Stef Bardoel: Formation of mixing fog & internal boundary layer growth due to topography |
| 2.35 – 2.50 | Scott Coppersmith: Technology developments for Fatima deployment |
| 3.50 – 3.05 | Will Perrie: One-D modelling with advection in simulations of fog/stratus (remote) |
| 3.05– 3.25 | Dan Gibson and Scott Seamone: Modular Ocean Research Infrastructure – Initial Development & Demonstration (MORI IDD) |
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| 3.25 – 3.45  | Coffee Break, Room B01 |
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| Lead: Qing Wang and Ed Creegan |  |
| 3.45 – 5.15 | Discussion on 2021 Research Vessel Atlantic-Condor based campaign in North AtlanticFacilitators: Luc Lennain, Joe Fernando, Dan Gibson, Scott Seamon, Marvin Willis |

6.30 pm onwards - Dinner: At the residence of Joe Fernando – 51483 Megan Court, Granger, IN 46530. Gate code and a map is included in the e-mail.

**Thursday 9 December 2021**

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| 7.30 – 8.30  | Breakfast (Sit down), Room B01 |
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| Chair: Lian Shen |  |
| 8.30 - 8.50 | Ismail Gultepe: Marine fog microphysics:In-situ instruments/Remote sensing |
| 8.50 - 9.05 | Trevor VandeBoer: Aerosol chemical composition during CFog and extending capabilities to fog and gases during Fatima  |
| 9.05 – 9.20 | Kevin Keefer and Steve Fiorino: Fog Droplet / Ice Crystal Forensics through Application of a New Nano-bioaerosol Collection and Identification System (remote) |
| 9.20 – 9.35 | Sebastian Hoch: Radiative flux and heating rate observations planned for FATIMA (remote) |
| 9.35 – 9.50 | Rachel Chang: The effect of aerosol microphysics on fog and visibility (remote) |
| 9.50 – 10.05 | Terry Bullock: Aviation Forecasting at Hibernia and Hebron Oil Platforms (remote) |
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| 10.05 – 10.25 | Coffee Break, Room B01 |
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| 10.25 – 12.30 Lead: Eric Pardyjak and Kelly Huang |  |
|  | Sable Island Field Campaign:Facilitators: Jason Surette, Marvin Willis, Paul Leblanc, Joe Fernando, Qing Wang |
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| 12.30-12.50 | Concluding Remarks:* Advisory Committee (Jim Doyle, Matt Wilbanks, Andy Heymsfied) and Academic advisor (Peter Taylor)
* Program Managers
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| 12.50 - 1.00 | Photograph and Closure |

Zoom link: Harindra Fernando is inviting you to a scheduled Zoom meeting.

Join Zoom Meeting
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115.114.131.7 (India Mumbai)
115.114.115.7 (India Hyderabad)
213.19.144.110 (Amsterdam Netherlands)
213.244.140.110 (Germany)
103.122.166.55 (Australia Sydney)
103.122.167.55 (Australia Melbourne)
64.211.144.160 (Brazil)
69.174.57.160 (Canada Toronto)
65.39.152.160 (Canada Vancouver)
207.226.132.110 (Japan Tokyo)
149.137.24.110 (Japan Osaka)
Meeting ID: 995 8109 3358