

# OSITV CONGRESS-

8-13 January 2017, Benalla, Australia

## PROGRAM of OSTIV Meteorology Panel Meeting

Thursday, 12 January 2017

16:00-18:00

<b>OSTIV Meteorology Panel Meeting</b> Chair: Zafer Aslan	
<b>Author/Contributor</b>	<b>Title</b>
Edward Hindman, hindman@sci.cuny.cuny.edu	Status and future of weather forecasting for soaring flight based on predictions from numerical weather prediction (NWP) models
René Heise, Thorsten Reinhardt, Peter Frei, Ralph Paul <a href="mailto:Rene.Heise@mountain-wave-project.com">Rene.Heise@mountain-wave-project.com</a>	Modelling and Observations of Turbulence and Mountain Waves Case Study: SOLAR IMPULSE RTW MISSION 2016 - Region Tabuk
Loek M. M. Boermans l.m.m.boermans@planet.nl	Weather Forecasting for Soaring Flight
Rick Millane <sup>1</sup> and Morgan Sandercock <sup>2</sup> <sup>1</sup> Department of Electrical and Computer Engineering University of Canterbury, Christchurch, New Zealand, rick.millane@canterbury.ac.nz <sup>2</sup> Perlan Project, Bend, Oregon, USA morgan@sandercock.com	High altitude sailplane flights: A tool for atmospheric sciences
Fred Kucharski, Zafer Aslan, Uğur Şener <a href="mailto:kucharsk@ictp.it">kucharsk@ictp.it</a> , <a href="mailto:zaferaslan@aydin.edu.tr">zaferaslan@aydin.edu.tr</a> <a href="mailto:ugursener@aydin.edu.tr">ugursener@aydin.edu.tr</a>	Modelling of Vertical Structure of ABL by SPEEDY and its Role on Soaring
Ramazan Çağlar <sup>1</sup> , Serhat Şeker <sup>1</sup> , Jelena Dikun <sup>2</sup> , T. Çetin Akıncı <sup>1</sup> , Emel Önal <sup>1</sup> , Emine Ayaz <sup>1</sup>  <sup>1</sup> Istanbul Technical University, Department of Electrical Engineering, Istanbul, Turkey <a href="mailto:caglarr@itu.edu.tr">caglarr@itu.edu.tr</a> , <a href="mailto:sekerr@itu.edu.tr">sekerr@itu.edu.tr</a> , <a href="mailto:akincitc@itu.edu.tr">akincitc@itu.edu.tr</a> , <a href="mailto:eonal@itu.edu.tr">eonal@itu.edu.tr</a> , <a href="mailto:ayaze@itu.edu.tr">ayaze@itu.edu.tr</a>  <sup>2</sup> Lithuanian Maritime Academy, Kanto St., 7; Klaipeda 92123; Lithuania <a href="mailto:jeldik@bk.ru">jeldik@bk.ru</a>	Seasonal Comparisons for Spectral Analyses and Statistical Distributions of Annual Wind Data
Bruno Neining, David Braig, René Heise and Frank Janser: nuno@zhaw.ch  <a href="mailto:Rene.Heise@mountain-wave-project.com">Rene.Heise@mountain-wave-project.com</a>	Turbulence and wind shear lee side of wind turbines and the structure of thermals as a challenge for aircraft operation– two applications for a compact airborne LIDAR system

c/c Prof. Dr. Rolf Radespiel [r.radespiel@tu-bs.de](mailto:r.radespiel@tu-bs.de)

c/c Prof. Dr. Edward Hindman [ehindman@ccny.cuny.edu](mailto:ehindman@ccny.cuny.edu)

**Contributions by Authors:**

<b><u>No</u></b>	<b><u>Country</u></b>	<b><u>Number of Authors/ co- authors</u></b>
<u>1</u>	USA	<u>2</u>
<u>2</u>	Germany	<u>4</u>
<u>3</u>	<u>Netherland</u>	<u>1</u>
<u>4</u>	<u>New Zeland</u>	<u>1</u>
<u>5</u>	<u>Italy</u>	<u>1</u>
<u>6</u>	<u>Turkey</u>	<u>7</u>
<u>7</u>	<u>Russia</u>	<u>1</u>
<u>8</u>	<u>Switzerland</u>	<u>3</u>
<b><u>Total</u></b>	<b><u>8</u></b>	<b><u>20</u></b>