



Monday, 26 October, 2015

08:45-09:45	Opening Ceremony Chairs: Mr. Stefan Gsänger , Germany; Mr. Gadi Hareli , Israel	Hall A
08:45	Welcome Notes Mr. Avi Gabbay, Minister of Environment Protection, Israel Mayor of Jerusalem (TBC)	
09:15-11:00	Opening Plenary Session 1: Global Status of Wind Power in a Changing Energy Landscape Chair: Mr. Stefan Gsänger , Germany; Mr Gadi Hareli , Israel	Hall A
09:15	Greetings Prof. He Dexin, President, World Wind Energy Association Mr. Gadi Hareli, Chairman, Israeli Wind Energy Association Prof. Galal Osman, President, Egypt Wind Energy Association	
09:30	Welcome Address <u>Mr. Adnan Amin</u> (TBC) Director General, IRENA, United Arab Emirates	
09:40	Welcome Address <u>Dr. Peter Ramsauer</u> Chairman of the Committee on Economic Affairs and Energy of the German Parliament, Germany	
09:50	Israeli Wind Energy Market: The Gap between Plans and Reality (Keynote) <u>Mr. Uri Noy</u> Partner, Erdinast, Ben Nathan & Co., Advocates, Israel	
10:10	Global Renewable Energy Development: Status and Outlook (Keynote) <u>Ms. Laura Williamson</u> Communication and Outreach Manager, REN21, France	
10:25	Sun and Wind don't Send us an Invoice: 100% Renewable Now (Keynote) <u>Dr. Franz Alt</u> Journalist, Germany	
10:55	Introduction into the Program <u>Prof Aviv Rosen</u> Faculty of Aerospace Engineering, Technion – Israel Institute of Technology, Israel	
11:00-11:30	Coffee Break, Exhibition Visit and Posters Viewing	
11:30-13:00	Parallel Session 1: Wind Farm Planning & Implementation Chairs: Dr. Andriy Konechenkov , Ukraine; Dr. Eli Ben-Dov , Israel	Hall A
11:30	Static Voltage Stability Analysis in a Power Network with Variable Wind Generation <u>César Angeles-Camacho</u> Engineering Institute, National Autonomous University of Mexico, Mexico	
11:50	Equivalent Model of Wind Farms for Short-Term Dynamic Simulations in Electric Power Systems <u>César Angeles-Camacho</u> Instituto de Ingeniería, Universidad Nacional Autónoma de México, México	

12:10	Planning a Wind Farm: Phases of Optimization to Enhance Project Viability <u>Gourav Gandhi</u> Renewable Energy, Black & Veatch Pvt. Ltd., India	
12:30	A High-Fidelity Computational Framework for Simulating Wind Turbines and Wind Farms in both Onshore and Offshore Environments <u>Fotis Sotiropoulos</u> Dept. of Civil, Environmental, and Geo- Engineering, University of Minnesota, USA	
12:50	Q & A	
11:30-13:00	Parallel Session 2: Offshore Wind Farms Chairs: Prof. Choong-Yul, South Korea; Mr. Gadi Hareli, Israel	Hall B
11:30	Current Status of Japanese Offshore Wind R&D Projects and its Roadmap (Keynote) <u>Prof. Chuichi Arakawa</u> University of Tokyo, Japan	
11:45	Consideration and Contribution for Ocean Environmental Impact under the Offshore Windfarm (Keynote) <u>Prof. Choong-Yul Son</u> Vice President, WWEA, Bonn, Germany, Mokpo National University, Offshore Wind Energy Center, South Korea	
12:00	The Application of Offshore Constructional Environment Analysis and Auto Forecasting System in Taiwan <u>Mei-Lan Chen</u> Green Energy and Environment Lab., Industrial Technology Research Institute, Taiwan	
12:15	Stakeholder Engagement and Mitigation in the Offshore Wind Energy Sector: Issues and Lessons Learnt - Case Example: UK Fisheries Industry <u>Sebastian Ulrichs</u> International Projects Group, Risk Environment LTD, UK	
12:30	Manpower Optimization for Better Availability Cost Reduction in Offshore Windfarm Operation and Maintenance <u>Mr. Suhas Pathalam</u> Siemens WindPower, Technical Project Manager, India	
12:45	Q & A	
11:30-13:00	Parallel Session 3: Small and Medium Wind Technology Chairs: Mr. Morten V. Petersen, Denmark; Mr. Eli Rozinsky, Israel	Hall C
11:30	Closed-Loop Control of a Plasma-Enhanced Vertical Axis Wind Turbine <u>Ben Eshel</u> Mechanical Engineering, Technion, Israel	
11:50	WINDhawc200: A Sophisticated 200kW Direct Drive Wind Turbine <u>Mr. Albrecht Kantelberg (Roland Stoer)</u> WINDnovation GmbH, Germany	
12:10	A Study on Performance Characteristics of Wind Turbine Made of a Thin Plate <u>Dr. Yasuyuki Nemoto</u> Division of Renewable Energy and Environment, Ashikaga Institute of Technology, Japan	
12:30	Lowering the Cost of Small Wind Turbines, while Increasing their Capacity Factor <u>Mr. Eli Rozinsky</u> Generators, EVR Motors Ltd., Israel	
12:50	Q & A	
13:00-14:00	Lunch Break, Exhibition Visit and Posters Viewing	

14:00-15:30	Parallel Session 4: Innovative Storage and Load Balancing Technologies Chair: Prof. Erico Spinadel , Argentina; Dr. Gideon Friedmann , Israel	Hall A
14:00	Superconducting Magnetic Energy Storage (SMES) Technology for Short-Time Load Leveling <u>Dr. Shuki Wolfus</u> Institute of Superconductivity, Bar-Ilan University, Israel	
14:15	Commercialization of a Hydrogen Bromine Flow Battery for Long Duration Storage <u>Lucile Voiron</u> AREVA SE, France	
14:30	MPPT Control System Implementation in Small Wind Turbines <u>Prof. Yeshayahou Levy</u> Aerospace Engineering, Technion, Israel	
14:45	re2plant - Introduction to an Innovative Energy Generation, Storage and Management System <u>Dr. Roland Stoer</u> WINDnovation GmbH, Germany	
15:00	Storage When Combined with Wind Opens a Whole New Market <u>Ms. Sonya Davidson</u> Management, H2 Energy Now, Israel	
15:15	Q & A	
14:00-15:30	Parallel Session 5: Sustainability Chairs: Ms. Laura Williamson , France; Mr. Yosef Abramowitz , Israel	Hall B
14:00	World Challenges and Goals toward the Paris Summit on Climate Change (Keynote) <u>Mr. Ron Adam</u> Permanent Representative of Israel to IRENA, Ministry of Foreign Affairs, Jerusalem, Israel	
14:15	Energy Democracy Acerbating Structural Energy Change (Keynote) <u>Dr. Tetsu Iida</u> Executive Director, Institute for Sustainable Energy Policies, Japan	
14:30	Wind Energy & Green Technology: As Key for Sustainable Industrial Prosperity (Keynote) <u>Mr. Volker Thomsen</u> Treasurer, World Wind Energy Association, Canada	
14:45	Can Wind Power Meet the World Electricity Demand (Keynote) <u>Dr. Anil Kane</u> Chairman Emeritus, Indian Wind Energy Association- InWEA, India, President Emeritus, World Wind Energy Association – WWEA, Bonn, Germany	
15:00	Towards a Sustainable Future: How Israel can Become 100% Renewable (Keynote) <u>Mr. Yosef Abramowitz</u> President & CEO, Energiya Global Capital, Israel	
15:15	Q & A	
14:00-15:30	Parallel Session 6: National Policies - Europe & MENA Chairs: Mr. Heinrich Bartelt , Germany; Mr. Zafrir Yoeli , Israel	Hall C
14:00	Wind Business Opportunities in Ukraine (Keynote) <u>Dr. Andriy Konechenkov</u> Ukrainian Wind Energy Association, Ukraine, CIS Wind Committee, WWEA, Bonn, Germany	
14:15	Wind Energy Policy in Israel: Regulatory and Economic Considerations <u>Mr. Honi Kabalo</u> Public Utility Authority, Israel	
14:30	Halftime “Energiewende”: 35 Years of Energy Transition: 35 More to Go <u>Ms. Carla Vollmer</u> FB I, German Federal Environmental Agency, Germany	

14:45	Tools and Programs for Supporting Infrastructure in Renewable Energy in Israel (Keynote) <u>Dr. Ela Strauss</u> Director, Chemistry, Energy, Materials and Nanotechnology, Israel Ministry of Science, Technology and Space, Israel	
15:00	Wind Projects Development in Israel <u>Mr. Zafrir Yoeli</u> Enlight Renewable Energy Ltd., Israel	
15:15	Everything You Wanted to Know about Wind Energy in Israel <u>Dr. Eli Ben-Dov</u> E.A Wind Energy Ltd. Israel	
15:30-16:00	Coffee Break, Exhibition Visit and Posters Viewing	
16:00-17:00	Parallel Session 7: Present and Future Advances in Wind Turbine Blade Design (Panel)	Hall A
	Moderator: Prof. David Greenblatt, Israel Flow Control on Wind Turbine Blades: From Conventional to Radical (Keynote Speaker) Prof. David Greenblatt , Head of the Flow Control Laboratory, Faculty of Mechanical Engineering, Technion Panelists: Dr. George Pechlivanoglou, Germany; Prof. Aviv Rosen, Israel; Prof. Avi Seifert, Israel	
16:00-17:00	Parallel Session 8: 100% Renewable Energy Communities (Panel)	Hall B
	Moderator: Mr. Stefan Schurig, Germany Transition to Ecological and Democratic Societies using 100% Renewable Energy Community Power (Keynote) <u>Prof. Dr. Tanay Sıdkı Uyar</u> Head, Energy Section, Marmara University, Vice President, World Wind Energy Association, Turkey Panelists: Mr. Heinrich Bartelt, Germany, Dr. Shota Furuya, Japan, Mr. Gadi Hareli, Israel; Dr. Ibrahim Togola, Mali	
16:00-17:00	Parallel Session 9: Wind Energy in Harmony with the Environment (Workshop)	Hall C
	Chair: Dr. Sinaia Netanyahu, Israel & Dr. Braha Halaf, Israel	
16:00	Who Kills Wind Turbines? (Keynote) <u>Prof. Ofira Ayalon</u> Head, Department of Natural Resources & Environmental Management, Haifa University, Israel	
16:15	The Needs for New Technology to Adapt to Environmental Demands and Requirements (Keynote) <u>Prof. Yosef Reuven</u> Avian Migration and Wildlife Conservation Consultant, Israel	
16:30	New Technological Solutions to Minimize the Conflict between Animals and Wind Turbines <u>Dr. Ofer Bahat</u> BirdsVision, President - BirdsVision Ltd., Israel	
16:45	Evaluation of Automatic, Real-Time Warning Sounds to Protect Birds at Wind Turbines. Case Study in Switzerland <u>Mr. Agustin Rioperez</u> DTBird, Spain	
16:45	Coping with the Environmental Dilemma in Wind Energy Policy <u>Adv. Tzipi Iser Itsiq</u> Head of Environment the Center for Environmental Protection, School of Law, Nethanya Academic College, Israel	

Tuesday, 27 October, 2015

09:00-11:00	Plenary Session 2 (Interactive): 100% Renewable Energy and Beyond! Chair: Prof. Dieter Holm , South Africa; Mr. Yuval Zohar , Israel	Hall A
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09:00	The Role of Wind Power in the Global Shift towards 100 % Renewable Energy (Keynote) <u>Mr. Stefan Gsänger</u> WWEA Secretary General, Germany	
09:15	B100 - Breaking the Virtual Glass Ceiling of 100% Renewable Energy (Keynote) <u>Mr. Gad Hareli</u> Chairman IsraWEA, Israel	
09:30	Supplying the World Entirely with Renewable Resources (Keynote) <u>Ms. Emily Rochon</u> Greenpeace International, The Netherlands	
09:45	A Bottom-Up Strategy for a 100 % Renewable Energy World (Keynote) <u>Mr. Stefan Schurig</u> Director, Climate Energy, World Future Council Foundation, Germany	
10:00	Wind Energy and Bioenergy: Pillars of a 100% Renewable Energy World (Keynote) <u>Dr. Heinz Kopetz</u> President, World Bioenergy Association, Austria	
10:15	Towards a Zero Carbon Israel: Can Israel Provide its Electricity Needs Using 100% Renewable Resources? (Keynote) <u>Ms. Yael Cohen Paran</u> Executive Director, The Israel Energy Forum, Israel	
10:30	Q & A	

11:00-11:30	Coffee Break, Exhibition Visit and Posters Viewing	
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11:30-13:00	Parallel Session 10: National Policies - America Chairs: Prof. Everaldo Feitosa , Brazil; Mr. Uri Noy , Israel	Hall A
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11:30	Wind Farms in Latin America: Comparing Legislations of Principal Countries (Keynote) <u>Prof. Erico Spinadel</u> President, Argentine Wind Energy Association Argentina	
11:45	Challenges for the Expansion of Wind Power in Brazil <u>Ms. Daniela Garcia Giacobbo</u> Judiciary, Federal Regional Court of the 4th Region, Brazil	
12:00	Overview of the Caribbean Market <u>Dr. Conrado Moreno</u> Center of Study for Renewable Energy Technologies, CETER, Higher Polytechnic Institute Jose A. Echeverria, CUJAE, Cuba	
12:15	Overview of the Canadian Market <u>Mr. Volker Thomsen</u> Treasurer, World Wind Energy Association, Canada	
12:30	Brazil: 20,000 MW of Wind Installed Capacity by the Year 2020 <u>Prof. Everaldo Feitosa</u> Director, Brazil Wind Energy Center, Brazil	
12:45	Q & A	

11:30-13:00	Parallel Session 11: Mobilizing Social and Economical Resources	Hall B
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Chairs: Prof. Dr. Tanay Sidki Uyar , Turkey; Mr. Gadi Hareli , Israel	
11:30	Open-Access Course to Promote Streamlined Permitting of Wind Power in Sweden <u>Prof. Marita Engberg Ekman</u> Earth Sciences, Uppsala University, Sweden
11:50	Meeting the Industry's Need for Project Managers and Developers of Wind Power Projects <u>Prof. Liselotte Alden</u> Earth Sciences, Uppsala University, Sweden
12:10	Sustainable Society and Renewable Energy Consensus in Japan <u>Dr. Shota Furuya</u> Sustainable Society and Renewable Energy Research Group, Institute for Sustainable Energy Policies, Japan
12:30	Q & A
11:30-13:00	Parallel Session 12: Grid Integration, Stability and Standards for Distributed Power Generation Hall C Chairs: Dr. Jami Hossain , India; Prof. Alon Kuperman , Israel
11:30	Offshore Wind Energy Deployment Policy in Korea <u>Dr. Namho Kyong</u> Wind Energy Research Center, Korean Institute for Energy Research KIER, Korea
11:45	Data Management for a Renewable-Integrated Electricity Grid <u>Prof. Sabrina Spatari</u> Environ Engineering, Associate Professor, USA
12:00	Incorporating Models of Wind Turbines to the Dynamic Power Flow Analysis <u>Dr. César Angeles-Camacho</u> Instituto de Ingenieria, Universidad Nacional Autonoma de Mexico, Mexico
12:15	Wind Energy for Greening the South African Grid <u>Prof. Ochieng Aoyi</u> Center for Renewable Energy and Water, Vaal University of technology, South Africa
12:30	Proposed Modification to Wind Turbines Performance Tests <u>Eyal Shalem</u> W I N F L E X LTD, Israel
12:45	Q & A
13:00-14:00	Lunch Break, Exhibition Visit and Posters Viewing
14:00-15:30	Parallel Session 13: Wind Technology in Harmony with the Environment & Aviation Hall A Chair: Mr. Volker Thomsen , Canada
14:00	Economical-Environmental Assessment of Wind Power Generation in Israel <u>Ms. Orna Raviv</u> Natural Resources and Environmental Management, University of Haifa, Israel
14:20	Decommissioning of Wind Farms - Ensuring Low Environmental Impact <u>Prof. Liselotte Alden</u> Earth Sciences, Uppsala University, Sweden
14:40	How Sustainable is Wind-Turbine Technology? Introduction of "Design for Environment" Approach for Wind-Turbine Development <u>Ms. Galit Kenigsberg</u> Design for Environment, Plan G, Israel
15:00	Q & A
14:00-15:30	Parallel Session 14: Wind Resources Evaluation Hall B Chairs: Dr. Anil Kane , India; Prof. Yosef Ashkenazy , Israel

14:00	Assessment of Wind Speed Statistics in Samaria Region (Keynote) <u>Prof. Alon Kuperman</u> Hybrid Energy Sources Laboratory, Ariel University, Israel	
14:20	Surface Wind Regionalization Based on Similarity of Time-series Wind Vectors <u>Dr. Hyun-Goo Kim</u> New & Renewable Energy Resource Center, Korea Institute of Energy Research, South Korea	
14:40	Is Surface Wind Speed Weibull Distributed? <u>Prof. Yosef Ashkenazy</u> Solar Energy and Environmental Physics, Ben-Gurion University, Israel	
15:00	Israeli Wind Energy Atlas – Methods, Verification and Results <u>Mr. Dimitry Venger</u> Dept. of Climatology, Israel Meteorological Service, Israel	
15:20	Q & A	
14:00-15:30	Parallel Session 15: Operation & Maintenance Trends Chair: Prof. Galal Osman , Egypt	Hall C
14:00	Condition Monitoring of Wind Turbines for Continuous, Online Detection of Critical Operating Conditions and Wear Damage with Wearsens <u>Dr. Manfred Mauntz</u> R&D, cmc Instruments GmbH, Germany	
14:20	Increasing the Operational Efficiency of Wind Farms by the Performance Measurement: Proposal of Key Performance Indicators <u>Dr. Marllen Santos</u> Dept. of Production Engineering, Federal University of Rio Grande do Norte, Brazil	
14:40	TBC	
15:00	Q & A	
15:30-16:00	Coffee Break, Exhibition Visit and Posters Viewing	
16:00-17:00	Plenary Session 3: International Legal Aspects hosted by the WWEA Legal Working Group	Hall B

Moderator: Mr. Tobias Natt, WWEA Legal Working Group

Sustainability and Due Diligence Guidelines for Wind Farm Development

Hon. Peter Rae

Australia

Legal Aspects of Renewable Energy and International Trade

Mr. Tzvi Levinson

Legal, Levinson - Dror Environmental & Safety Law Firm, Israel

TBC

Adv. Tzipi Iser Itsiq

Head of Environment the Center for Environmental Protection, School of Law, Nethanya Academic College, Israel

Wednesday, 28 October, 2015

09:00-11:00	Plenary Session 4: Innovation for a Renewable Energy Future Chairs: Dr. Robert Dixon , USA; Dr. Igor Derzy , Israel	Hall A
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09:00	Wind Matters: China's Role in the Future of Wind (Keynote) <u>Mr. Wu Gang</u> Founder, Goldwind, China	
09:20	From Hydrocarbon Platform to Renewable Energy Platform: A Transition in the Global Energy System (Keynote) <u>Dr. Jami Hossain</u> Chair, Managing Director, Windforce Management, India	
09:40	We are at a Historical Turning Point <u>Dr. Preben Maegaard</u> President Emeritus, World Wind Energy Association, Denmark	
10:00	Airborne Wind Energy Network HWN500: Shouldering R&D in Cooperation <u>Stefanie Thoms</u> Network Manager HWN500, Germany	
10:20	New Israeli Technology for Power Delivery & Distribution with Extremely Low Magnetic Field (ELMF) Features Potential Energy Saving, Reduced Interference and Safe Environment <u>Mr. Shalom Green</u> Green ELMF Cables Ltd., Israel Represented and produced by SYNERGY CABLES LTD.	
10:40	Q & A	

11:00-11:30	Coffee Break, Exhibition Visit and Posters Viewing	
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11:30-13:00	Parallel Session 16: Off-Grid Wind Energy for Rural Communities and Islands Chairs: Dr. Ibrahim Togola , Mali; Mr. Gadi Hareli , Israel	Hall A
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11:30	Design of a Wind Electric Power System for Rural Community Located in Santa Cruz Del Norte <u>Dr. Conrado Moreno</u> Center of Study for Renewable Energy Technologies, CETER, Higher Polytechnic Institute Jose A. Echeverria, CUJAE, Cuba	
11:50	Proposed Small-Scale Distributed Wind Power Developments for Community-Based Rural Organizations in Ethiopia (Keynote) <u>Prof. Woldemariam Wolde-Ghiorgis</u> Researcher-Consultant, Dept. Elect and Comp. Eng., University of Calgary, Alberta, Canada, Addis Ababa Univeristy, Ethiopia	
12:10	Hybrid Solutions for Off-Grid Energy Supply and Back-Up Systems as Stand-Alone Applications <u>Mr. Andreas Lietzmann</u> eab New Energy GmbH, Germany	
12:30	Identifying the Business Case for Hybrid Off-Grid Applications: Case Study West Africa <u>Mr. Nopenyo Dabla</u> Researcher, WWEA, Mali	
12:50	Q & A	

11:30-13:10	Parallel Session 17: National Policies APAC Chairs: Hon Peter Rae , Australia; Mr. Shen Dechang , China	Hall B
11:30	The Current Situation and Developing Trend of Chinese Wind Power Industry <u>Mr. Shen Dechang</u> CWEEA, Chinese Wind Energy Equipment Association, China	
11:50	Challenges in Wind Energy Development Plans in South-East Asia: A Case-Study from Malaysia <u>Mr. Rahul Kandoi</u> International Project Management, Windforce Management Services Private Limited, India	
12:10	Present Status and Target of Japanese Wind Power Generation <u>Prof. Izumi Ushiyama</u> Graduate School, Ashikaga Institute of Technology, Japan	
12:30	Reinstating Accelerated Depreciation: A Boon to Wind Power Sector in India? <u>Mr. Gourav Gandhi</u> Renewable Energy, Black & Veatch, India	
12:50	Case Study: The Accomplishments and Shortcomings of Australia`s Renewable Energy Target: A Pure Market-Based Support Mechanism <u>Mr. Mark Schneider</u> Principal, Megawatt Capital, Australia	
11:30-13:00	Parallel Session 18: Costing of Wind Energy hosted by IRENA	Hall C
11:30	The Cost of Wind Power <u>Mr. Michael Taylor</u> IRENA Innovation and Technology Center, Germany	
12:30	Investment in Wind Energy under Uncertainty: What is the Desired Risk Allocation? (Keynote) <u>Ms. Nurit Gal</u> Director of Electricity Regulation Division, Power Utility Authority (PUA), Israel	
12:50	Q & A	
13:00-14:00	Lunch Break, Exhibition Visit and Posters Viewing	
14:00-15:30	Parallel Session 19: Powering Africa: Electricity & Prosperity (Workshop)	Hall A
	Discussants: Prof. Galal Osman, President, Egypt Wind Energy Association <u>Prof. Dieter Holm</u> , Emeritus Prof. & Head Research & Postgraduate Studies, Div. Env. Design & Management U Pretoria, South Africa <u>Ibrahim Togola</u> , Mali	
14:00-15:30	Parallel Session 20: IRENA`s Interactive Tools Project Navigator & INSPIRE (Workshop)	Hall B
	Hosted by IRENA Addressed by: Mr. Michael Taylor and Mr Carlos Ruiz IRENA Innovation and Technology Center, Germany	
14:00-15:30	Parallel Session 21: Wind Power Equipment and Components, Design and	

Manufacture Towards 100% DG**Hall C**Chair: **Prof. Chuichi Arakawa**, Japan; **Dr. Gideon Friedmann**, Israel

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- 14:00 **The Ultimate Active Flow Controlled Turbine Blade (Keynote)**
Prof. Avraham Seifert
School of Mech. Eng., Tel Aviv University, Israel
- 14:30 **Technology Information Dissemination Systems as an Innovation Barrier in the Field of Wind Energy**
Dr. George Pechlivanoglou
Institute of Fluid Dynamics and Technical Acoustics (ISTA), HFI TU Berlin, Germany
- 14:50 **Reducing Wind Turbine Tower Vibrations using Tuned Mass Dampers**
Prof. George Weiss
School of EE, Tel Aviv University, Israel
- 15:10 **A Novel Off-Grid Wind Energy Generator**
Mr. Anan Garzuzi
Faculty of Mechanical Engineering, Technion Israel Institute of Technology, Israel

15:30-16:00 Coffee Break, Exhibition Visit and Posters Viewing

16:00-17:00 Closing Plenary Session 5: Hall A
Chairs: Mr. Stefan Gsänger, Germany; **Mr. Gadi Hareli**, Israel

- 16:00 Indian Ambition to have 175 GW of Renewables by 2022
Prof. K. Kasthurirangaian
Chairman, Indian Wind Power Association, India
- 16:15 Wind and RE for Industry: Winners and Losers
Prof. Dieter Holm
Emeritus Prof. & Head Research & Postgraduate Studies, Div. Env. Design & Management U
Pretoria, South Africa & ISES Representative on Board of WWEA, Bonn, Germany
- 16:30 World Wind Energy Award 2016
- 16:40 Presentation of the WWEC2015 Declaration
- 16:45 Presentation of the host of the WWEC2016
Prof. Chuichi Arakawa
University of Tokyo, Japan

POSTER PRESENTATIONS

- 1. Analysis of Power Gain Represented by Heat Addition to a Flow of Compressed Air Acting in a Wind Turbine Axis**
Debora Barth, Jose Berthoud
Engenharia Ambiental, Universidade Federal do Espirito Santo, Brazil
- 2. OMW Low Wind Turbine: Load Calculations for Design Purposes**
Joerg Berroth, Carl Busch, Ralf Schelenz, Georg Jacobs
Center for Wind Power Drives, RWTH Aachen University, Germany
- 3. Design that Enables Placing the Drivetrain of a Wind Turbine on the Bottom of the Tower**
Moti Keinan
N.A., Israel
- 4. Comparative Analysis on Commercial Wind Resource Maps of South Korea**
Hyun-Goo Kim, Yong-Heack Kang, Chang-Yeol Yun
New & Renewable Energy Resource Center, Korea Institute of Energy Research, South Korea
- 5. Calculation of a Wind Turbine Degradation? Using SCADA Data with LiDAR Calibration**
Hyun-Goo Kim, Yong-Heack Kang, Chang-Yeol Yun
New & Renewable Energy Resource Center, Korea Institute of Energy Research, South Korea
- 6. Planning and Operation of the Youth`s Island Hybrid System: A Cuban Experience**
Conrado Moreno, Jose Augusto Medrano, Joel Morales
Center of Study for Renewable Energy Technologies, CETER, Higher Polytechnic Institute Jose Antnio Echeverria, CUJAE, Cuba
- 7. Local Energy Output Leveling of Renewable Sources**
Bjoern Roscher, Alexander Werkmeister, Ralf Schelenz, Georg Jacobs
Chair For Wind Power Drives, RWTH Aachen, Germany
- 8. Effects of Leading Edge Erosion on the Aerodynamic Characteristics and Flow around S809 Airfoil**
Wang Yan