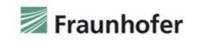
## WIND AND SOLAR

## SYNERGY WEEK

## 29 – 31 March







UNIKASSEL VERSITÄT



| -     |             |  |   |   |   |  |
|-------|-------------|--|---|---|---|--|
|       |             | Wednesday 29th   | Thurdsday 30th  | Friday 31st   |   | 2023 WIND AND  |
|       | 13:00-13:50 | Solar Energy for a Climate Neutral Energy<br>System<br>Prof. Dr. Anke Weidlich - Uni Freiburg  | Thin (and flexible) crystalline silicon solar<br>cells: An opportunity to increase<br>performance and reduce cost<br>Dr. Andre Augusto - Dalarna University | How Research Can Help in Breaking Silos in<br>The Solar PV Sector<br>David Moser - Group Leader at EURAC Research<br>(Institute for Renewable Energy)                   |   | SOLAR SYNERGY WEEK<br>Join us this March 2022<br>for three days of                                 |
|       | 14:00-14:50 | RenPhOzo: an innovative solar solution for<br>water treatment; from the nature for the<br>nature<br>Dr. Ing. Mohammad Mehrjouei - Managing<br>Director TruTraTec       | <b>Clever Fault Detection in Photovoltaics</b><br><i>Prof. Konrad Mertens</i> - Fachhochschule<br>Münster   | <b>Career Options at Enercon</b><br><i>Daniel Körber</i> - Enercon  |   | exciting, taylored<br>events, where<br>renewable energy<br>experts share their<br>passion with us. |
|       | 15:00-15:50 | The Solar Industry in Germany - Using the example of the company SMA <i>Prof. Dr. Mike Meinhardt</i> - SMA   | Quantifying PV module degradation from<br>Electroluminescence Images<br>Rodrigo Del Prado Santamaria - Technical<br>University of Denmark                   | Innovative solutions to reduce the power loss<br>of PV modules under partial shading<br>conditions<br>Dr. Hamed Hanifi - Head of Research and<br>Development, AE Solar  | 6 | All events are free.<br>You can choose to  |
|       | 16:00-16:50 | Aerodynamic Measurements in a Wind<br>Tunnel & Wind induced structural<br>Vibrations of a Wind-Energy Turbine<br>Dr. Stefan Descher, Fatemeh Maharati-<br>Uni Kassel   | Building Integrated and Bifacial PV<br>Prof. Dr. Ulf Blieske -TH Köln   | Digitizing the Solar PV Industry: Unlocking<br>New Frontiers<br>Eduardo A. Sarquis Filho - Head of Data Analysis<br>and Modelling in Enmova                             |   | attend one, two or all<br>events - all you need to<br>do is register (non-<br>bindingly)           |
| N X N | 17:00-17:50 | Innovative Design and Integration<br>Approaches with Photovoltaics for Energy<br>Transition and Beyond<br>Prof. Dr. Mohammadreza Aghaei                                | PV Grid Integration - Chances and<br>Challenges<br>Prof. Dr. Volker Wachenfeld - Hochschule<br>Biberach University of Applied Science                       | Early harvests: research highlights and an<br>introduction into the ever-developing field of<br>agrivoltaics<br>Matthew Berwind - Agrivoltaics Group,<br>Fraunhofer ISE |   | Register here:   |
|       | 18:00-18:50 | A techno-economic and a socio-economic<br>analysis to estimate global PtX potentials:<br>Global PtX Atlas<br>Dr. André Bisevic, Maximilian Pfennig -<br>Fraunhofer IEE | Pandapower - an easy to use open source<br>tool for power system modelling, analysis<br>and optimization<br><i>Hendrik Maschke</i> - Fraunhofer IEE         |   |   | Time zone: CET = UTC+1   |