Analysis of the Scaling Laws of Wind Turbine Systems

Load Evaluation
- Modeling of an Excel-based Load Calculation Tool
- Loads; AEP; Rainflow-Counting; Fatigue Analysis
- Future Wind Turbine Loads

Multi Rotor Systems
- MR Development
- Loads and Performance
- Support Structure Topology Analysis
- Cost of Energy Evaluation

Scaling Laws
- Up-Scaling Phenomena
- Theoretical/Empirical Scaling Models
- Future Turbine Scaling Cases
- Cost of Energy Evaluation

Fabian Walz | Prof. Dipl.-Ing Peter Dalhoff | 20.12.2016