

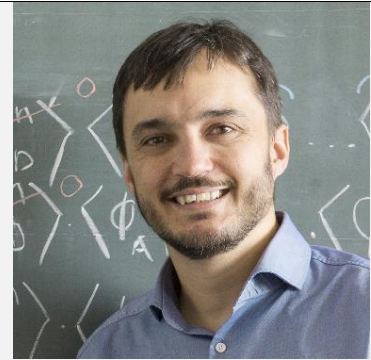


NANO KOREA 2024

The 22nd International Nanotech Symposium & Exhibition

Prof. Dr. Harald Oberhofer

University of Bayreuth, Germany



Harald Oberhofer was born in Austria and studied Physics at the University of Vienna. After obtaining a Master's degree in Materials' Science from the Ecole Normale Supérieure de Lyon in France he completed his PhD in computational and statistical physics at the University of Vienna. For the next three years he worked as a Post-doctoral research associate at the University of Cambridge, UK. In the following years, he first started a Post-doctoral position at the Chair for Theoretical Chemistry at the Technical University of Munich, Germany, where he later also became an independent group leader. Since 2021 Harald Oberhofer holds the Chair for Theoretical Physics VII of the University of Bayreuth, currently in the form of a prestigious Heisenberg Professorship.

His research interests include the simulation of charge carrier transport in various energy materials and the development of first-principles methods for the computation of charge transport parameters. Where necessary he employs machine learned surrogate models to extend the reach of his calculations, towards, more and larger systems.