

## Curriculum Vitae

### PERSONAL INFORMATION

Name Dieter Braun  
 Address Hirschbachweg 13a  
 83 661 Lenggries  
 Date of birth 19.08.1970  
 Place of birth Schwenningen a. Neckar  
 Citizenship German  
 Status married with Veronica Egger,  
 Neuroscience Professor Uni Regensburg  
 Children Agnes (\*2005), Uli (\*2007)



### EDUCATION, POSITIONS AND AWARDS

2019 Technology Transfer Price of the German Physical Society  
 2018 Funding for Cluster "Origins", organizing the molecular evolution part  
 Funding of SFB/CRC 235 Emergence of Life  
 ERC Advanced Grant EvoTrap (€2.3 Mio for five years)  
 Volkswagen Life collaboration with Powner, Dingwell and Mast  
 Extension of Simons Investigator collaboration grant on the Origins of Life  
 Spokesperson of the Center for NanoScience CeNS  
 2017 Collaboration TRR 235 Emergence of Life is invited for full proposal  
 2016 Organizer of SFB/TRR Collaboration Proposal Emergence of Life (LMU and TU)  
 Coordinator of Origins of Life part of the Origins Cluster Initiative  
 Startup NanoTemper has >100 employees  
 2015 Initiator of Origins of Life Initiative Munich (OLIM)  
 2014 Deutscher Gründerpreis for NanoTemper  
 Investigator in the Simons collaboration on the Origins of Life (\$1.5 Mio for five years)  
 2012 Prodekan of the Physics Faculty; Step Award for NanoTemper  
 Deutscher Innovationspreis for NanoTemper  
 2011 Klung-Wilhelmy Weberbank Price, biannual for physicists <40 years (100.000.- Euro)  
 2010 ERC Starting Grant (€1.5 Mio for five years)  
 2008 Startup Company NanoTemper  
 2007 Full professor for Systems Biophysics at the LMU Munich, Offers for professorships in Leipzig, Bayreuth and Munich, Habilitation  
 2005 Parental Leave: half time position for 1.5 years to promote our dual career  
 2003-2007 Independent Emmy Noether research group LMU Munich  
 2000-2003 Postdoc with Albert Libchaber at Rockefeller University (USA)  
 Replication by laminar convection, Thermophoresis of DNA, Biomolecule detection by Microcavity, All-optical Lock-in amplifier with fluorescent dyes to measure kinetics.  
 2001 Schloessmann Award in Optical Methods in Modern Biology  
 2000 PhD, summa cum laude  
 1997-2000 PhD, Max Planck Institute of Biochemistry, Martinsried  
 1997 Diploma Thesis MPI of Biochemistry, Martinsried  
 1993-1997 Study of Physics, Technical University Munich  
 1991-1993 Study of Physics, University of Ulm

**AWARDS**

- 2019 Technology Transfer Price of the German Physical Society
- 2014 **Deutscher Gründerpreis** for NanoTemper
- 2013 Best Recognized New Technology Award for NanoTemper
- 2012 Step Award for NanoTemper
- 2012 **Deutscher Innovationspreis** for NanoTemper
- 2011 **Klung-Wilhelmy Weberbank Price**, biannual for physicists <40 years (100.000.- Euro)
- 2003 **Emmy Noether research group** LMU Munich
- 2001 **Schloessmann Award** in Optical Methods in Modern Biology

**STARTUP COMPANY**

- 2008 - **NanoTemper Technologies**, funded by my PhD students Philipp Baaske and Stefan Duhr  
Brought to the market Microscale Thermophoresis, our all optical binding quantification  
Won many awards and has grown steadily with now >110 employees.  
[www.nanotemper-technologies.com/](http://www.nanotemper-technologies.com/)

**PATENTS**

- 2011 Method and Apparatus for Amplifying Nucleic Acid Sequences, US10 001 234.3
- 2009 Thermo-Optical Characterisation of Nucleic Acid Molecules, PCT/EP2009/000 847
- 2009 Method and device for particle analysis using thermophoresis, PCT/EP2009/056 162
- 2007 Fast Thermo-Optical Particle Characterisation, PCT/EP2007/010 037

**MAJOR COLLABORATIONS**

- 2017 - Leading the interdisciplinary CRC **Emergence of Life** (LMU and TU)  
<https://www.emergence-of-life.de/>
- 2015 - Organizer of the **Origins of Life Initiative Munich** (OLIM)  
<http://www.biosystems.physik.lmu.de/olim/>
- 2014 - Investigator of the **International Simons Collaboration on the Origins of Life**  
[www.simonsfoundation.org/life-sciences/simons-collaboration-on-the-origins-of-life/](http://www.simonsfoundation.org/life-sciences/simons-collaboration-on-the-origins-of-life/)
- 2013 - **Quantitative Biology Munich (QBM)**. Graduate school merging biophysics, biology, bioinformatics and theory for quantitative biology

**SUPPORT OF YOUNG CAREERS**

- 7 Postdocs (in the meanwhile: **1 professor, 2 independent group leaders**, 1 assistant)
- 26 PhD students
- 20 Diploma/Master Students

**ORGANISATION OF SCIENTIFIC MEETINGS**

- 2018 Organizer of Molecular Origins Conference Munich
- 2016 Organizer of Molecular Origins Conference Munich
- 2015 CeNS Nanoscience Conference in Venice
- 2013 CeNS Nanoscience Conference in Venice
- 2012 NIM Graduate School
- 2011 Scientific Board NIM Winter School
- 2009 Co-organizer of the CeNS Winter School
- 2009 Organizer of CeNS Focus Workshop on Synthetic Evolution

**CAREER BREAKS**

- 2005-2007 **Parental Leave** in a half time position for 1.5 years to promote our dual career

**COMMISSIONS OF TRUST**

- 2016- Scientific Advisory Board Origin of Life Initiative in Paris

**INSTITUTIONAL RESPONSIBILITIES**

- 2016- Coordinator of Astrobiology part of the Origins Cluster Initiative
- 2016- Co-Coordinator of Biophysics Excellence Cluster "Living Matter"
- 2012-2015 Prodekan of the Physics Faculty
- 2013- Scientific Board Center for Nanoscience