Prof. Dr. Mischa Bonn

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Date and Place of Birth	January 25th, 1971 Nijmegen
Nationality	Dutch
Children	1

Professional Experience

since 2011	Director, Max Planck Institute for Polymer Research, Germany
since 2013	Honorary Professor, Chemistry Dept., Mainz University, Germany
since 2005	Extraordinary Professor, Physics Dept., University of Amsterdam, Netherlands
2004-2012	Group Leader, FOM-Institute for Atomic and Molecular Physics AMOLF, Netherlands
2003-2004	Scientific Advisor, FOM-Institute for Plasma Physics 'Rijnhuizen', Netherlands
2003-2009	Associate professor (tenured), Leiden University (Chemistry Dept.), Netherlands
1999-2002	Assistant professor (fixed term), Leiden University (Chemistry Dept.), Netherlands

Academic Qualifications

1993-1996	PhD in Physical Chemistry at TU Eindhoven/FOM-Institute AMOLF, Netherlands
1988-1993	Study of Physical Chemistry at the University of Amsterdam, Netherlands

Important Grants and Prizes

2017	Elected Fellow of the American Physical Society
2010	Elected as 'Outstanding Young Scientist' to attend and contribute to the World Economic Forum, Tianjin, China
2009	Gold Medal from the Royal Dutch Chemical Society
2007	Personal Fellowship ('VICI') from the Netherlands Scientific Organization (NWO) for research, finished 1st in national competition
2006	Personal Fellowship from the Japanese Society for the Promotion of Sciences (JSPS)
2003	Personal Fellowship ('Vernieuwingsimpuls') from NOW, finished 1st in national competition
2000	Personal Fellowship from the 'Royal Dutch Academy of Arts and Sciences' (KNAW)
1997	Marie Curie postdoctoral Stipend; Alexander von Humboldt postdoctoral Stipend

10 Most Important Publications

1. H.A. Hafez, S. Kovalev, J. Deinert, Z. Mics, B. Green, N. Awari, M. Chen, S. Germanskiy, Z. Wang, K.J. Tielrooij, Z. Liu, Z. Chen, A. Narita, K. Müllen, M. Bonn, M. Gensch and D. Turchinovich
   Extremely efficient terahertz high harmonics generation in graphene by hot Dirac fermions
   Nature **561** (2018) 507
2. R. Ulbricht, E. Hendry, J. Shan, T.F. Heinz and M. Bonn, M.
   Carrier dynamics in semiconductors studied with time-resolved terahertz spectroscopy
   Rev. Mod. Phys. **83** (2011) 543
3. H. Kim, J. Hunger, E. Canovas, M. Grechko, D. Turchinovich, S.H. Parekh and M. Bonn
   Direct observation of mode-specific phonon-band gap coupling in methylammonium lead halide perovskites
   Nat. Commun. **8** (2017) 687
4. C.S. Hsieh, M. Okuno, J. Hunger, E.H.G. Backus, Y. Nagata and M. Bonn
   Aqueous Heterogeneity at the Air/Water Interface Revealed by 2D-HD-SFG Spectroscopy
   Angew. Chem. Int. Ed. **53** (2014) 8146
5. M. Grechko, T. Hasegawa, F. D'Angelo, H. Ito, D. Turchinovich, Y. Nagata and M. Bonn
   Coupling between intra- and intermolecular motions in liquid water revealed by two-dimensional terahertz-infrared-visible spectroscopy
   Nat. Commun. **9** (2018) 885
6. K. Zhao, Z. Pan, I. Mora-Sero, E. Canovas, J. Wang, M. Bonn, J. Bisquert and X. Zhong
   Boosting Power Conversion Efficiencies of Quantum-Dot-Sensitized Solar Cells Beyond 8%
   J. Am. Chem. Soc. **137** (2015) 5602
7. Z. Zhang, L. Piatkowski, H.J. Bakker and M. Bonn
   Ultrafast vibrational energy transfer at the water/air interface revealed by two-dimensional surface vibrational spectroscopy
   Nat. Chem. **3** (2011) 888
8. L.B. Dreier, Y. Nagata, H. Lutz, G. Gonella, J. Hunger, E.H.G. Backus and M. Bonn
   Saturation of Charge-Induced Water Alignment at Model Membrane Surfaces
   Sci. Adv. **4** (2018) eaap7415
9. D. Lis, E.H.G. Backus, J. Hunger, S.H. Parekh and M. Bonn
   Liquid flow along a solid surface reversibly alters interfacial chemistry
   Science **344** (2014) 1138
10. Y. Nagata, K. Usui and M. Bonn
    Molecular Mechanism of Water Evaporation
    Phys. Rev. Lett. **115** (2015) 236102

Total 334 publications (including accepted), H-index 67 (Google Scholar), ORCID: 0000-0001-6851-8453.