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| Name | **Ralf Bandorf** |

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| Education |
| period | Details |
| 1998 | Studied Physics at Friedrich-Alexander University Erlangen/Nuremberg, Germany (Focused on preparation of metastable ironsilicides and phase characterization by LEED) |
| 2002 | PhD in Mechanical Engineering from Fraunhofer IST / Carolo Wilhelmina Technical University Braunschweig, Germany. (His thesis focused on submicron tribloogical coatings for electromagnetic microacutators) |

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| Professional experience |
| Period | Details |
| 1998 | Joined Fraunhofer IST for his PhD thesis |
| 2002 | Fraunhofer IST as a scientist, specifically as Project leader in Group Micro and Sensor Technology with a Focus on PVD and PACVD coatings. |
| 2002 | Plastic metallization for flexible circuits, piezoresistive materials(especially based on DLC), electrical conductive and insulating coatings as well as magnetic thin films |

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| Organizational experience & Awards |
| Period | Details |
| 2007 | Head of Group “Sensoric Functional Coatings”. |
| 2009~ | Assistant HIPIMS TAC Chair at the Society of Vacuum Coaters |
| 2009~2013 | HIPP processes – conference Chairman of the international Conference on Fundamentals and Applications of HIPIMS and Action Chair of the COST Action MP0804 : Highly ionized pulse plasma processes. |
| 2014 | SVC Mentor Award “for his remarkable development of the High Power Impulse Magnetron Sputtering(HIPMS) process at an industrial scale and establishing the HIPIMS community in Europe and worldwide” |
| 2015~ | Head of Group “Highly lonized Plasmas and PECVD” at Fraunhofer IST.(Focused on PACVD with different excitation, plasma sources, hollow cathode processes, especially gas flow sputtering, and HIPIMS. |
| 2015~2016 | Assistant Program Chaiman - A European scientific networking activity gathering experts worldwide in the field of HIPP plasmas, especially HIPIMS. |
| 2017~2018 | Program Chairman at the SVC TechCon. |