

Research Profile **Claus Seidel**

1.) General Information

Name	Seidel
First Name	Claus
Academic Degree	Dr. rer. nat.
Date of Birth	20 th of January 1961
Gender	male
Institution	Heinrich Heine University
Institute	Chair of Molecular Physical Chemistry Universitätsstr. 1, Building 26.32.02, room 44 40225 Düsseldorf
Phone	+49 211 81-15881
E-mail	cseidel@hhu.de
Current position	Professor (C4)

2.) Academic education including degrees

Subject of studies	Chemistry (1980 - 1988)
University	Universities of Stuttgart and Heidelberg
Degree	Dipl.-Chem.
Supervisor	Prof. Dr. J. Wolfrum

3.) Scientific degrees

Habilitation thesis	Mechanisms for the molecular recognition by fluorescence quenching and applications for a fluorescence-spectroscopic characterization of single molecules
Subject	Physical Chemistry
University	Ruprecht-Karls-University Heidelberg
Year of disputation	1998
Mentor	Prof. Dr. J. Wolfrum
Doctoral thesis	Laserspectroscopic investigation on the molecular aspects of nucleobase-specific quenching of fluorescent dyes
Subject	Physical Chemistry
University	Ruprecht-Karls-University Heidelberg
Doctoral Degree	Dr. rer. nat.
Year of graduation	1992
Supervisor	Prof. Dr. J. Wolfrum

4.) Academic appointments / positions held

2002 to present	Professor of Physical Chemistry (C4), Heinrich Heine University, Düsseldorf, Germany
1998 - 2002	Independent BioFuture research group at Göttingen University
1993 - 1998	Independent junior research group at the MPI for biophysical chemistry (department "Spectroscopy and photochemical kinetics")
1992 - 1993	Postdoctoral research assistant at Sandoz Research Centre, Vienna, Austria

5.) Miscellaneous (academic, council, editorial and advisory activities and awards)

2016 - 2019	Member of the DFG Review Board 201: Basic Biological and Medical Research; Subject Area 201-02: Biophysics.
2016 - present 05/2015	Deputy member of the HHU Senat ERC Advanced Researcher Grant 2014 "hybridFRET" hybridFRET - deciphering biomolecular structure and dynamics (funding number 671208, 12/2015 - 11/2020)
2012 - present	Spokesman of the HHU Research Training Group "Host-guest interplay in porous systems" (PoroSys)
2010 - present	Chairman of the Center for Advanced Imaging (CAi), Heinrich Heine University, Düsseldorf, Germany
2007 - present	Chairman of the study group "Biophysical Chemistry" of the German Society for Biochemistry and Molecular Biology (GBM)
2009	Chairman of the subgroup "Molecular Biophysics", Biophysical Society
1998	BioFuture research award of the BMBF for the project "Multi-dimensional single-molecule fluorescence spectroscopy of biomolecules: Screening assays and time-resolved investigation of biological processes"
1992	PhD thesis with highest degrees (summa cum laude)