

- **Personal Information**

Family name: Brøndsted Nielsen, Steen

Nationality: Danish

Date of birth: Aug 3, 1972

Married, with three children (age 5, 7, and 9)

- **Education and Degrees**

2019 dr scient (a Danish degree, dissertation: “Photophysical properties of molecular ions – The impact of a microenvironment”), Aarhus University (AU), DK

2000 PhD in Chemistry, Univ Copenhagen, DK

1998-99 Student visits: Univ Oslo (Norway, 2 mo), Univ Alberta (Canada, 0.5 mo), and Yale Univ (USA, 9 mo)

1997 MSc in Chemistry and Physics, Univ of Southern Denmark, DK

- **Current Positions**

2020-present Professor, Department of Physics and Astronomy (DPA), AU, DK

2016-24 Editorial board member *European Physical Journal D*

- **Previous Positions**

2010 Invited Guest Professor at Université Paris13, France (1 mo)

2007 Invited Guest Professor at Université de Caen Basse Normandie, France (1 mo)

2007-2020 Associate Professor, DPA, AU, DK

2006 Invited Guest Professor at Université Paris-Sud 11, Orsay, France (1 mo)

2001-02 Post doc, Department of Chemistry, Princeton Univ, USA

2000-01 Post doc, DPA, AU, DK

- **Fellowships and Awards**

JILA Visiting Fellowship, University of Colorado, Boulder (1.5 mo in 2014); ANZSMS Traveling Lectureship (Australian & New Zealand Society for Mass Spectrometry) (2012); Lundbeckfonden Junior Group Leader Fellowship (2009-15); Skou and Steno Fellowships (2005-08, 2002-05).

- **Current Institutional Responsibilities**

Chair, Gender Equality Committee DPA (2021-); Laser safety officer DPA (2010-); Member, Industrial and Outreach Committee DPA (2020-), Diversity & Gender Equality Committee Natural Sciences (2021-).

- **Teaching Activities**

Courses on mechanics; thermodynamics; electrodynamics; biophysics; photobiophysics; energy and climate; modern physics for chemists; group theory and electronic structure of molecules.

- **Supervision of Graduate Students and Postdoctoral Fellows**

Number of completed postdocs / PhDs / Master students: 7 / 6 / 13.

- **Summer Schools**

Lectures in Copenhagen (2013, 16, 17, and 19), Gothenburg (2011), and Trieste (2022), organized by KV Mikkelsen, K Hansen, and P Bolognesi / L Avaldi, respectively.

- **Organization of International Scientific Meetings**

Main organizer of 3rd Intl Workshop on Electrostatic Storage Devices (Aarhus 2009); Co-organizer of Telluride workshop PhotoPhysics of Biomolecular Ions (2017). On committee for Faraday Discussion meeting: Advances in Ion Spectroscopy – From Astrophysics to Biology (York 2019).

- **Recent Invited Talks at International Conferences and Meetings**

EPIC-MAN2 (Ottawa, 2023). MD-Gas Training school (Trieste 2022). 6th European Conference on Trapped Ions (online 2021). 1st Annual meeting of the COST Action MD-Gas (Caen 2020). 8th Intl. Workshop of Electrostatic Storage Devices (Tianjin, China 2019).

- **Ad Hoc Reviewer**

Completed reviews for 35 journals and 10 intl. funding agencies. On Program Advisory Committee for FELIX Laboratory large facility in Nijmegen (2017-). Proposal reviewer for Desiree National Infrastructure, Stockholm (2018-21).

- **Scientific Focus Areas**

Photobiophysics; Ion spectroscopy; Synchrotron radiation circular dichroism; Mass spectrometry; Energy transport and conversion; Light-harvesting.

- **Membership of Scientific Society**

Member, Cost Network “*Molecular Dynamics in the Gas Phase*” (2018-).

- **National and International Collaborators**

Prof Henrik G Kjærgaard (Univ Copenhagen), theoretical modeling. Prof Mogens Brøndsted Nielsen (Univ Copenhagen), synthesis. Dr Mark H Stockett (Stockholm Univ) and Dr James N Bull (Univ East Anglia), gas-phase spectroscopy.

- **Guest Editor**

Mass Spectrometry Reviews: Special issue in honor of Prof E Uggerud (2020); *European Physical Journal D*: Topical issue “Spectroscopy of biomolecular ions *in vacuo*” (2020).

- **Publication Information**

Researcher ID WoS: G-5844-2016; **220 peer-reviewed articles** (Science 1, Angew Chem 5, JACS 9, PRL 8, JPC Lett 2); **H-index 37** (WoS); Total no of citations >4800 (WoS). Book co-editor, “Photophysics of Ionic Biochromophores,” volume for Physical Chemistry in Action (Springer 2013) (>10k downloads). dr scient dissertation (2019).