

Randi Holmestad - Curriculum vitae



PERSONAL INFORMATION

Name: Holmestad, Randi

Date of birth: 19.10.1967, female

Nationality: Norwegian

Researcher unique identifier(s): <http://orcid.org/0000-0002-4274-5794>

URL for personal web site: <http://www.ntnu.edu/employees/randi.holmestad>

EDUCATION

1994 PhD: **Disputation date: 05.12.1994.** Doktor ingeniør (Dr.ing), Department of Physics, Norwegian Institute of Technology (NTH), Trondheim, Norway

1992 Pedagogical education (PUFS), NTH, Norway

1991 Master, Sivilingeniør (MSc), Department of Physics, NTH, Norway

CURRENT AND PREVIOUS POSITIONS

1999 – present Professor, Department of Physics, Faculty of Natural Sciences, Norwegian University of Science and Technology (NTNU), Trondheim, Norway

2001 – 2014 Scientific advisor, SINTEF Materials and Chemistry, Trondheim, Norway

1996 – 1999 Postdoc, NTNU, with extended visits to US and Germany (2-7 months)

1995 – 1996 Researcher, SINTEF Materials Technology, Applied Physics, Norway

AWARDS

1996 NIFs prize for young scientist

1995 ESSO prize from NTH for best PhD degree in fundamental research

SUPERVISION OF GRADUATE STUDENTS AND RESEARCH FELLOWS

Present Supervising **4** MSc students, **5** (3) PhD students and **1** postdoc

1999 – 2020 Supervised **70** MSc students **19** PhDs and **8** postdocs, co-supervised **8** PhD students.

TEACHING ACTIVITIES (selected, all at NTNU)

2000–present Solid State Physics, Functional Materials, Experts in Teamwork (MSc level)
Electron diffraction and advanced TEM (every second year) (PhD level)

COMMISSIONS OF TRUST

2012–present Board member European Microscopy Society (EMS)

2007–present Project evaluations Christian Doppler, ERC, FWO (Austria, EU, Netherlands)

2004 - 2008 Board member UNINETT Sigma, high performance computing

2003–present Board member Nordic Microscopy Society (SCANDEM)

RESEARCH LEADERSHIP

2020–2028 Principal investigator, research area leader, [SFI PhysMet](#), NTNU

2016–2023 Project leader INTPART project with Japan (Tokyo Inst of Technology, Toyama University and Kyushu University, Japanese AI industry), Norsk Hydro and SINTEF

2015–2023 Principal investigator, program head, [SFI-CASA](#), NTNU

2015– 2020 WP leader in BIA comp. projects with Norwegian AI industry, FICAL and AMPERE

2013 - 2017 Project leader, FRINATEK Fundamental investigations of precipitation in.. Al alloys

2010 - 2014 Leader of Nordic network within TEM in NordForsk (NorTEMnet)

2010 – 2020 Project leader [NORTEM](#), Norwegian Centre of transmission electron microscopy, nationally coordinated large-scale infrastructure in TEM, SINTEF, UiO, NTNU

2000 - 2014 Project leader of several research projects funded from the Research Council

PUBLICATIONS AND CITATIONS (Oct. 2021)

Web of Science: 239 publications, 4100 citations, **h-index = 35**

Google Scholar: 336 publications, 5580 citations, **h-index = 42**, i10-index = 139