

PERSONAL INFORMATION

Family name, First name: Marrink, Siewert-Jan
 Date of birth: July 30th, 1966
 Nationality: Dutch
 URL for web site: <http://www.rug.nl/staff/s.j.marrink/>
 Google Scholar profile: <http://scholar.google.nl/citations?user=UalQWxIAAAAJ&hl=en&oi=sra>

EDUCATION

1994 **PhD**, Faculty of Natural Sciences, University of Groningen, the Netherlands
 1989 **MSc**, Faculty of Natural Sciences, University of Groningen, the Netherlands

CURRENT POSITION

2005 – **Professor**, Head of Molecular Dynamics Group, Faculty of Natural Sciences, University of Groningen, the Netherlands

PREVIOUS POSITIONS

1999 – 2005 **Postdoctoral Fellow**, Faculty of Natural Sciences, University of Groningen, the Netherlands
 1998 – 1999 **Postdoctoral Fellow**, Petroleum Cooperative Research Centre, University of New South Wales, Australia
 1997 – 1998 **Postdoctoral Fellow**, Department of Applied Mathematics, Australian National University, Australia
 1996 **Postdoctoral Fellow**, Max Planck Institute Tübingen, Germany
 1995 **Contract Researcher**, BASF Ludwigshafen, Germany
 1994 – 1995 **Military Service**, 109th Artillery Division of the Dutch Army

FELLOWSHIPS AND AWARDS**Main applicant:**

1997 – 1999 **Talent Stipend**, Netherlands Organization for Scientific Research (NWO)
 2000 – 2004 **Fellowship Award**, Royal Netherlands Academy of Arts and Sciences (KNAW)
 2004 – 2009 **TOP Grant**, Netherlands Organization for Scientific Research (NWO), € 700k
 2007 – 2011 **ALW Open Grant**, Netherlands Organization for Scientific Research (NWO), € k200
 2007 – 2008 **Parallelization Grant**, Netherlands Organization for Scientific Research (NWO), € k45
 2008 – 2014 **TOP Grant**, Netherlands Organization for Scientific Research (NWO), € 750k
 2009 – 2013 **ECHO Grant**, Netherlands Organization for Scientific Research (NWO), € k232
 2010 **Dutch Computational Challenge Grant**, National Computer Facilities (NCF), PNU 2.6M
 2010 – 2011 **Parallelization Grant**, Netherlands Organization for Scientific Research (NWO), € k42
 2012 – 2016 **ECHO Grant**, Netherlands Organization for Scientific Research (NWO), € 265k
 2014 – 2020 **TOP Grant**, Netherlands Organization for Scientific Research (NWO), € 780k
 2014 **Dutch Computational Challenge Grant**, National Computer Facilities (NCF), PNU 9.0M
 2015 – 2021 **ERC Advanced Grant**, European Framework Horizon 2020, € 2.5M

Co-applicant:

2003 – 2008 **Molecule-to-Cell Program**, Netherlands Organization for Scientific Research (NWO), € k468
 2010 – 2015 **Program Grant**, Foundation for Fundamental Research on Matter (FOM), € 3M
 2011 – 2016 **ChemThem Grant**, Netherlands Organization for Scientific Research (NWO), € 500k
 2012 – 2016 **Flagship Grant**, BE Basic, € 2.7M

INSTITUTIONAL RESPONSIBILITIES

2014 – **Director**, Berendsen Centre for Multiscale Modeling, University of Groningen, the Netherlands
 2015 – **Chairman of the Educational Committee Chemistry**, University of Groningen, the Netherlands
 2006 – 2011 **Member of the ICT Advisory Board**, University of Groningen, the Netherlands
 2013 – **Organizer**, Chalk Talk Seminars, University of Groningen, the Netherlands
 2010 – **Board Member**, Zernike Institute for Advanced Materials, University of Groningen, the Netherlands

RESEARCH STATEMENT

The Molecular Dynamics (MD) group, headed by Prof. Marrink, concentrates on dynamical simulation of (bio)molecules. The aim is to understand and predict macroscopic behaviour of complex biomolecular systems on the basis of the effective interactions between atoms. Prof. Marrink and his group members are pioneers on:

- (i) Force field and method development for state-of-the-art computational modelling. In particular, the Prof. Marrink developed the popular Martini coarse-grained force field and is a recognized worldwide leader in the field of coarse-grain modelling.
- (ii) Self-organisation of biomolecular and bio-inspired systems. Prof. Marrink is an expert in the modelling of fundamental processes involving cellular membranes, such as membrane fusion, poration, and lateral organisation, and pioneers the use of high-throughput computational platforms to study self-assembling materials.

RESEARCH IMPACT (Feb 2017)

Prof. Marrink published more than 200 papers in refereed journals.

Total citations (Google Scholar):	20057	H-index (Google Scholar):	70
Total citations (Web of Science):	15438	H-index (Web of Science):	62