



Véronique Halloin

Secretary General F.R.S.-FNRS

Resume (as of January 1, 2022)

WORK EXPERIENCE

2008 - ...	<ul style="list-style-type: none">General Secretary of F.R.S.-FNRS and its associated FundsGeneral Secretary of the Rectors Conferences of French-speaking Belgium (CREF)
2006 - 2008	Vice-Rector for Research and Development (ULB)
2001 - 2007	Vice-President (3 years) and President (3 years) of EIB (Bioengineering School ; ULB)
2000 - 2008	Full Professor, Head of Chemical engineering Department (ULB)
1995 - 2000	Assistant Professor, Head of Chemical engineering Department (ULB)
1994 - 1995	Lecturer (ULB)
1993	Post-doctoral Research Fellow at IVK (Institut Von Karman de Dynamique des Fluides) (half-time)
1992	Contract researcher (ULB)
1988 - 1992	Aspirant FNRS (PhD fellowship)
1986 - 1987	Contract Researcher – European Joule Project (ULB, IST Lisboa, Imperial College)

DEGREES AWARDED

1988 - 1992	Ph. D. Applied sciences, ULB (summa cum laude)
1981 - 1986	Chemical Engineer, ULB (summa cum laude)

AWARDS AND PRIZES

1992	Solvay Award (best PhD thesis)
1988 - 1992	Aspirant FNRS (fellowship for PhD)
1986	Prix Frerich (highest grade of graduate engineering students in 1986)

HONOURS AND MERITS

2021	Chevalier de la Légion d'Honneur (France)
2014	Commandeur de l'Ordre de la Couronne
2011	Among the 100 exceptional women honoured in Belgium on March 8, 2011 (special event for the 100th International Women's)
2011	Officier de l'Ordre de Léopold

CAREER AS SECRETARY GENERAL F.R.S.-FNRS (SINCE 2008)

<i>Missions</i>		<ul style="list-style-type: none"> ▪ Scientific policy (evaluation procedures, funding instruments, ...) ▪ Management (administrative procedures, tools of management, finance and budgets, HR, ...) ▪ International actions (partnerships, networks, ...) ▪ Governance, policy and legal issues ▪ Preparation of meetings of the “Bureau” and of the Board of Directors ▪ Communication to stakeholders (researchers, universities, policy, patrons, public) ▪ Télévie, philanthropy
<i>Figures</i>		<ul style="list-style-type: none"> ▪ Annual budget : ~200 M€ ▪ Télévie fundraising operation : 13,5 M€ in 2019 ▪ Researchers on FNRS Pay-Roll: ~ 2000 ▪ FNRS non Belgian experts base (launched in 2010): >14.000 ▪ International scientific panels : 14 ▪ National Jurys : 45 ▪ ~20 awards/year (ad hoc jurys)
<i>Ex-officio Mandates and Board of Directors</i>	2017 - ... 2014 - ... 2012 - ... 2012-... 2010 - ... 2010 - ... 2010 - 2012 2008 - ... 2008 - ... 2008 - ... 2008 - ... 2008 - ... 2008 - ... 2008 : ... 2008 - 2016 2008 - 2012	<ul style="list-style-type: none"> ▪ Member of the management Committee of Fonds Generet, at King Baudouin Foundation ▪ Observer at the Board of Directors of ARES (Academy of research and Higher education of Wallonia Brussels Federation) ▪ Belgian Delegate to the Global Research Council ▪ Member of the Science Europe General Assembly¹ ▪ Effective member of the Solvay International Institutes for physics and chemistry ▪ Member of the General Secretaries Group at EUA (European Universities Association) ▪ Member of the Board of Directors of ESF² ▪ Member of the IBL Awards Management Committee (Inbev Baillet Latour) ▪ Member of the Board of Directors of the Foundation to Promote Scientific Research in Africa ▪ Member of the Board of Directors of the Fondation Médicale Reine Elisabeth (FMRE) (vice-chair since 2017) ▪ Member of the Board of Directors of Welbio SA ▪ Member of the Board of Directors of Academia Belgica ▪ Chairman of the Management Committee of the International WERNAERS Fund for Research and Dissemination of Knowledge ▪ Member of the Board of Directors of the Fondation Simone et Pierre Clerdent ▪ Delegate to the European Science Foundation ESF ▪ Member of EUROHORCs (European Union Research Organizations Heads of Research Councils)³

¹ FNRS is one of the 7 founding members

² Dissolved in 2016

³ Dissolved in 2012

<i>Board of Directors</i>	2022 - ...	▪ Member of the Innovation Circle
	2020 - 2022	▪ President of the European Science Foundation ESF-Science Connect
	2018 - ...	▪ Member of the Board of Vinçotte SASBL and Foundation
	2018 - ...	▪ Member of the strategic Committee of the « Cercle du Lac »
	2016 - 2020	▪ Elected member of the Board of Directors of the CERN Pension Fund ⁴
	2015 - 2016	▪ Vice-President of ESF
	2014 - 2018	▪ Member of the Belgian Federal Council of Science Policy
	2014 - ...	▪ Member of the ARES Strategic Committee
	2013 - 2019	▪ Board of Directors of the Belgian National Botanic Garden (French-speaking Government)
	2012 - ...	▪ Belgian delegate to the Global Science Forum (OECD)
	2011	▪ Member of the ESF President's Recruitment Committee
	2010 - 2012	▪ Member of EUROHOCS steering committee
	2010 - 2019	▪ Member and chair (since 2016) of the Admission Committee of Woman on Board
	2009 - ...	▪ Member of the Cern Council ⁵
	2009 - ...	▪ Member of of the Cern Finance Committee ⁶
	2009 - 2016	▪ Member of the steering committee of the Fullbright Belgium
	2009 - ...	▪ Member of the UNESCO French-speaking Belgian Commission
<i>Committee member and evaluator</i>	2022	▪ ANR (French Research Agency). Member of the selection panel for PEPR_Exploratoires Call 2
	2021	▪ ANR (French Research Agency). Member of the selection panel for PEPR_Exploratoires Call 1
	2019	▪ ANR (French National Research Agency). Vice-Chair of the Selection Committee. EUR Call 2 (Ecoles Universitaires de Recherche)
	2019	▪ Member of the Jury Hera doctoral thesis award 2019
	2018	▪ President of the Jury of the Research Prize, in Wallonia Brussels Federation
	2017	▪ ANR (French National Research Agency). Vice-Chair of the Selection Committee. EUR Call 1 (Ecoles Universitaires de Recherche)
	2016 - 2017	▪ Member of the College of External Experts of ARES
	2016	▪ President of the Jury of the Research Prize, in Wallonia Brussels Federation
	2015	▪ HCERES - Member of the Evaluation Committee of Université Joseph Fourier – Grenoble 1
	2014	▪ Member of the Jury : prix « Atomia » de la femme scientifique bruxelloise de l'année 2014
	2014	▪ AERES. Member of the Evaluation Committee of Université Lille 1
	2014	▪ Scientific committee "Strategic Intelligence for Research and Innovation: IS4Research »
	2014	▪ Member of the Inter-Regional jury for research
	2013	▪ AERES - Member of the Evaluation Committee of IFREMER (France)
	2012	▪ AERES - Member of the Evaluation Committee of the ANR (French National Research Agency)
2012	▪ Member of the Inter-Regional jury for research	
2010 - 2011	▪ ANR (French National Research Agency). Evaluation Committee Member. LABEX call (LABoratoires d'Excellence)	
2010	▪ Member of the Inter-Regional jury for research	

⁴ Appointed by the Cern Council in March 2016/ re-elected in December 2018

⁵ Appointment by the Federal Government

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PAST ACADEMIC CAREER

<i>Teaching</i>	1995– 2008	<ul style="list-style-type: none"> ▪ Heat and mass transport (2 ECTS) ▪ Single-Phase Chemical Reaction Engineering (2 ECTS) ▪ Multiphase Reactors (6 ECTS) ▪ Mechanical Unit Operations (3 ECTS) ▪ Multi-phase Unit Operations (7 ECTS) ▪ Bioreactors engineering (3 ECTS) ▪ Process Design (2 ECTS) ▪ Fundamentals of Chemical Engineering (3 ECTS)
	2008-2011	<ul style="list-style-type: none"> ▪ Single-Phase Chemical Reactors Modelling (2 ECTS)
<i>Masters and Thesis</i>		<ul style="list-style-type: none"> ▪ Promoter or co-promoter of 49 master theses ▪ Promoter or co-promoter of 8 doctoral theses ▪ Invited member of 45 theses juries
<i>Research topics</i>		<ul style="list-style-type: none"> ▪ Multiphase processes (mass transfer, bubbles columns, bioreactors) ▪ Transports in porous media (drying, thermal treatment of polluted soils) ▪ Unit Operations: mixing (stress in mixed tanks, ...), crystallisation (polymorphism of pharmaceutical products, agro-food industries, ...) ▪ Intensification of processes (multifunctional reactors, catalytic reactors, sono-chemical reactors)
<i>Publications</i>		<ul style="list-style-type: none"> ▪ Author or co-author of more than 40 international peer-reviewed papers in international journals and proceedings of international conferences with oral communication (see annex 3) ▪ Author of 7 syllabi ▪ Author of a hundred research reports
<i>Conferences</i>	1995 1997 1998 1998 1999 2002	<ul style="list-style-type: none"> ▪ Co-organizer of international congress IMACS (in Brussels) ▪ Co-organizer of a lecture cycle of the Belgian branch of the « Société de Chimie Industrielle » ▪ Co-organizer of a lecture cycle of the Belgian branch of the « Société de Chimie Industrielle » ▪ Co-organizer of a symposium on environmental challenges (ULB) ▪ Co-organizer of ECB9 ▪ Co-organizer of international congresses « 4èmes journées francophones sur les réacteurs gaz-liquide et gaz-liquide-solide » (2002) ▪ Author of 9 invited conferences ▪ Author of numerous seminars (Universities and industries)
<i>Research funding</i>		<ul style="list-style-type: none"> ▪ Responsibility for some fifty research contracts (Public subsidies: EC, Wallonia Region, FNRS; Industrial support: Solvay, Glaxo, UCB chemicals, UCB Pharma, Carmeuse, Puratos, Belcolade, Four Industriel Belge...)
<i>Committee member for regional administrations</i>	1995 - 1996 1996 1999 - 2004 1999 - 2011 1999	<ul style="list-style-type: none"> ▪ Chair of the expert panel for the treatment of fumes from the NOH Brussels wastes incinerator ▪ Expert for Incident Study of Achêne Incinerator ▪ Member of the Waste Accreditation Committee of the Walloon Region ▪ Member of the Scientific Committee of the technical landfill center of Mt St Guibert CETEM ▪ Chair of the jury for the classification of tenders of a DeNox treatment for the NOH Brussels waste incinerator (ABP)

<i>Evaluator for the European Commission</i>	1997	▪ Esprit (HCPN)
	1999	▪ COLOMBO project (Application of parallel computing to the simulation of the bioremediation of contaminated soils)
	1999	▪ Pierre and Marie programme in engineering (Training site/Marie Curie Development Hosts fellowships of the human potential programme)
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	2000	▪ Pierre and Marie programme in engineering (Training site/Marie Curie Development Hosts fellowships of the human potential programme)
	2001	▪ Quality of Life – Biomass valorization (key action 5.2)
	2002	▪ Quality of Life – Biomass valorization (key action 5.2)
	2003	▪ FP6-2002-Energy-1 (Sustainable Energy Systems)
	2004	▪ FP6-2002-Mobility-1, Marie Curie Research Training Networks
	2005	▪ FP6-2004-Energy-3 (Sustainable Energy Systems)
	2005	▪ Vice-chair. Marie Curie Research Training Networks FP6-2002-Mobility-1
	2006	▪ Vice-chair. Engineering panel Marie Curie RTN Stage 2 FP6-2005-Mobility 1
	2007	▪ FP7 – Energy - 2007 – 1 - RTD
	2007	▪ Vice-chair. Engineering panel FP7 – People - 2007 – 1 – 1 – ITN
	<i>Other scientific committees</i>	2000 - 2001
2002 - 2006		▪ WAC/DAC scientific committee (CEN/SCK : Centre for Nuclear Energy, Mol)
2001 - 2011		▪ Euridice scientific committee (CEN/SCK : Centre for Nuclear Energy, Mol - Burial of radioactive waste in Boom clay)
<i>Other scientific merits</i>	1997	▪ Training in chemical engineering at Sédéma
	1998 – 1999	▪ Consultant for Tamox SA (oxygen production)
	2005	▪ Member of the selection committee for the recruitment of an academic in Chemical and Process Engineering (UCLouvain)
		▪ Selection of research grants (FNRS, FRIA, FWO, IWT...)
		▪ Reviewer for Canadian Journal of chemical engineering, Chemical reaction engineering, AIChE, Chemical engineering process, Chemical engineering journal, ...
<i>Mandates</i>	2004- 2008	▪ Belgian delegate to the Working Party on Chemical Reaction Engineering of the European Federation of Chemical Engineering
	2006- 2008	▪ Member of the Brussels Region Council of Science Policy
<i>Board of directors</i>	2005– 2007	▪ Elected member to the Board of Directors of ULB, representative of the academic staff
	2005 - 2008	▪ Member of the Board of Directors of Eurobiotec SA
	2005 - 2011	▪ Member of the Board of Directors of the « Branche belge de la société de chimie industrielle »
	2006 - 2009	▪ Member of the Board of Directors of Greenfacts SA