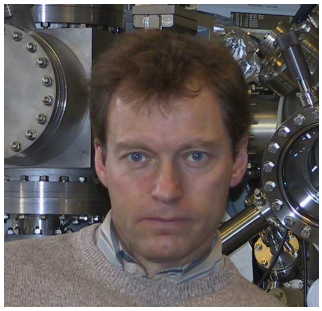
Europass Curriculum Vitae



Personal information

First name(s) / Surname(s)	**Roditchev Dimitri**
Address(es)	Laboratoire de Physique et d'Etude des Matériaux (LPEM) 10 rue Vauquelin, 75005 Paris FRANCE
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E-mail	dimitri.roditchev@insp.jussieu.fr
Nationality	French
Date of birth	01.08.1963
Gender	male

Desired employment / Occupational field

Professor at ESPCI ParisTech, Director of Research at CNRS, experimental group leader

Work experience

	0. PhD in Physics: Quantum Hall Effect in DC and AC current regimes 1. Research Scientist at Moscow State University, Moscow, Russian Federation 2. Senior Researcher at CNRS, Paris, France 3. Director of Research at CNRS, Paris France 4. Professor at ESPCI, Paris, France
Dates	0. 1986-1989 1. 1989-1993 2. 1995-2003 3. 2003-2012 4: 2012- till now Low-dimensional semiconductors, transport properties
Occupation or position held	0. PhD in Physics, Physics Dept. Moscow State University 1. Research Scientist at Moscow State University 2. Senior Researcher at CNRS 3. Director of Research at CNRS, Paris France 4. Professor at ESPCI, Paris, France
Main activities and responsibilities	0. Study of Quantum Hall Effect in DC and AC current regimes 1. Insulator-Metal transition and superconductivity in W-doped diamond-like films 2. Optical properties of confined semiconducting heterostructures, superconductivity by STM 3. Superconducting properties of correlated materials, STM/STS 4. STM and ARPES studies of correlated electronic systems at surfaces
Name and address of employer	0-1, Phys. Dept. Moscow State University, Moscow, Russian Federation 2-3, CNRS, Délégation Paris B, 15 rue P. et M. Curie 75005 Paris, France 4, Ecole de Physique et de Chimie Industrielles de la Ville de Paris, 10 rue Vauquelin 75005 Paris, France
Type of business or sector	Basic research

Education and training

Dates	1989-1993 Transport of electrons in disordered systems 1994 Mechanics and linear optics 2011 Physics of Condensed Matter
Title of qualification awarded	Full Professor
Principal subjects/occupational skills covered	Solid State Physics, Nano-physics
Name and type of organisation providing education and training	Ecole de Physique et de Chimie Industrielles de la Ville de Paris, 10 rue Vauquelin 75005 Paris, France University Pierre et Marie Curie Paris 6, 4 place Jussieu, 75252 Paris, France
Level in national or international classification	1-2

Personal skills and competences

Electronic and structural properties of the matter at nanoscale (quantum properties of materials, quantum phase transitions, superconductivity, charge density waves, electronic correlations, low dimensions, quantum confinement, single electron transport, nanostructures and nano-devices, high magnetic fields, ultrahigh vacuum, very low temperatures, STM/STS)

Mother tongue(s): **Russian, French**

Other language(s): **Ukrainian, English**

Self-assessment	Understanding		Speaking		Writing
European level (*)	Listening	Reading	Spoken interaction	Spoken production	
Russian	C2	C2	C2	C2	C2
French	C1	C1	C2	C1	C1
Ukrainian	C1	C1	C2	C1	B2
English	C1	B2	C1	C1	C1

(*) Common European Framework of Reference for Languages

Social skills and competences	Replace this text by a description of these competences and indicate where they were acquired. (Remove if not relevant,)
Organisational skills and competences	Team leader at INSP (www.insp.jussieu.fr/-Dispositifs-quantiques-controles-.html) Member of the National Committee (section 06) of CNRS Expert at Observation of Micro- and Nano-Technologies Research expert (Belgium, Canada, EU, France, Great Britain, Italy, Russia, USA) Vice Director of INSP (2001-2004), Laboratory Council member, member of various Scientific Boards
Technical skills and competences	Building precise scientific equipment (low and ultralow temperatures, ultrahigh vacuum, STM, low-noise electronics, high magnetic fields)
Computer skills and competences	basic
Artistic skills and competences	no
Other skills and competences	More than 70 scientific publications (ISI: 66 publications: 900 citations, 798 without self-citations).
Driving licence	Yes, A, B

Additional information

Prix Louis Ancel 2003

Annexes

List of 5 selected publications over last 5 years:

1. T. Cren, L. Serrier-Garcia, F. Debontridder and D. Roditchev, Vortex Fusion and Giant Vortex states in Confined Superconducting Condensates, Phys. Rev. Lett. 107, 097202 (2011)
2. T. Cren, D. Fokin, F. Debontridder, D. Roditchev, Ultimate Vortex Confinement Studied by Scanning Tunneling Spectroscopy, Phys. Rev. Lett. 102, 127005 (2009)
3. Th. Proslier, A. Kohen, T. Cren, Y. Noat, W. Sacks, D. Roditchev, Probing the superfluid velocity with a superconducting tip: The Doppler shift effect, Phys. Rev. Lett. 97, 027001 (2006).
4. N. Bergeal, V. Dubost, Y. Noat, W. Sacks, and D. Roditchev, Scanning Tunneling Spectroscopy on the Novel Superconductor CaC6, Phys. Rev. Lett. 97, 077003 (2006)
5. T. Proslier, A. Kohen, Y. Noat, T. Cren, D. Roditchev, W. Sacks, Probing the superconducting condensate on a nanometer scale, EuroPhys. Lett. 73, 962 (2006).