



LE
LABORATOIRE

RECHERCHE EQUIPEMENTS FORMATION VALORISATION EMPLOIS

LE
LABORATOIRE

RECHERCHE EQUIPEMENTS FORMATION VALORISATION EMPLOIS

[> LMGP Annuaire](#)

OUISSSE Thierry

Professeur des Universités at Grenoble INP - Equipe NanoMat



Coordonnées

[Envoyer un mail](#)

Site internet : <http://>

Research activity in the Crystal growth team at LMGP (XTO).

The team is specialized in high temperature crystal growth (as that of SiC), and T. Ouisse is most particularly involved in research about **MAX phases**, which are recently developed nano-lamellar compounds combining the good properties of metals to that of ceramics, and which might offer the possibility of producing two-dimensional layers in a way somewhat similar to graphene.

Activités / CV

Thierry Ouisse is a university professor at Phelma (PHysics, ELelectronics and MAterials), a school of engineers belonging to the Grenoble Institute of Technology (Grenoble INP), France. After an Engineer's degree obtained at Grenoble INP and a PhD related to Silicon-On-Insulator (SOI) devices at Thomson-TMS and LPCS (now called IMEP), he was a post-doctoral fellow of the French nuclear agency (CEA), where he was in charge of SOI MOSFET reliability (1991). He obtained a permanent researcher position at the French National Center for Research (CNRS) in 1992, where he founded and headed the Silicon Carbide (SiC) team at IMEP, whose main goal was the development of high power/high temperature SiC devices. He moved to the "Spectro" laboratory (now called LIPHY, Grenoble University) in 2001, where he developed conjugated polymer devices for organic electronics in collaboration with Olivier Stéphan. He moved to Institut Néel (CNRS, Grenoble) in 2006. From 1994 to 2008, he was also involved in nano-device physics activities (SOI quantum wires with the NTT basic research Labs, Atsugi, quantum-coherent electron transport imaging with a home-built, low Temperature AFM at LIPHY and Néel Institute, High Magnetic Field electron transport at LNCMI, etc.).

He is the author of one book on the physics of nanostructures and mesoscopic devices, published by Wiley and ISTE-It d in 2008

In 2000 he also spent one sabbatical year at IMEL, NCSR (Athens, Greece), where he studied light emission from strongly confined Si structures. After having re-oriented his research toward materials science and solid state physics, he finally moved to LMGP, Grenoble, and presently works on the growth and on the physical properties of single crystals of various carbides and nitrides with Didier Chaussende.

[Nous écrire](#)

LES ANCIENS DU LMGP / LMGP'S ALUMNI

[2018](#)

[2017](#)

[2016](#)

[2015](#)

[2014](#)

[2013](#)

[2012](#)

[2011](#)

[2010](#)

[2009](#)

[2008](#)

[2007](#)

[2006](#)

ANNUAIRE DES UNIVERSITÉS

Tous les personnels Universités/Recherche Grenoble-Savoie

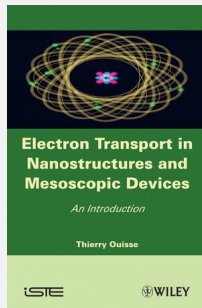
CNRS

Grenoble INP

UGA

Savoie

BOOK



[Electron Transport in Nanostructures and Mesoscopic Devices: An Introduction](#)

Thierry Ouisse

ISBN: 978-1-84821-050-9

June 2008, Wiley-ISTE

ANNUAIRE

[AGHAZADEHCHORS Sara](#)

[Alumni 2006](#)

[Alumni 2007](#)

[Alumni 2008](#)

[Alumni 2009](#)

[Alumni 2010](#)

[Alumni 2011](#)

[Alumni 2012](#)

[Alumni 2013](#)

[Alumni 2014](#)

[Alumni 2015](#)

[Alumni 2016](#)

[Alumni 2017](#)

[Alumni 2018](#)

[Annuaire du LMGP / Directory of LMGP](#)

[BANGE Romain](#)

[BONNEL Morgane](#)

[BOURGEOIS Emeline](#)

[BOUYER Michael](#)

[BROCHEN Stephane](#)

[BURRIEL Monica](#)

[CHARRIERE Virginie](#)

[CHENEVIER Bernard](#)

[CHOUCHANE Karim](#)

[COIFFARD Grégoire](#)

[DELABOUGLISE Didier](#)

[DEMES CAUSSE Thomas](#)
[Directory of LMGP / Annuaire du LMGP](#)
[DOISNEAU Beatrice](#)
[FITZPATRICK Vincent](#)
[FOURNIER Carole](#)
[GOTTLIEB Ulrich](#)
[Jens KREISEL](#)
[KOSTIGUIAN Sylvie](#)
[LAGRANGE Melanie](#)
[Les anciens du LMGP](#)
[LIU Hongjun](#)
[LIU Xi Qiu](#)
[M. ANIKIN Mikhail](#)
[M. AUDIER Marc](#)
[M. BAGDZEVICIUS Sarunas](#)
[M. BELLET Daniel](#)
[M. BERTHOD Loïc](#)
[M. BOUDARD Michel](#)
[M. BOUDOU Thomas](#)
[M. CONSONNI Vincent](#)
[M. COSSUET Thomas](#)
[M. DALONNEAU Fabien](#)
[M. DESCHANVRES Jean-Luc](#)
[M. DEYU Getnet](#)
[M. FRACHON Thibaut](#)
[M. GATE Valentin](#)
[M. JOUVERT Matthieu](#)
[M. KALMAN Benoit](#)
[M. LA MANNA Joseph](#)
[M. LANGLET Michel](#)
[M. LE TRAN Hoang Long](#)
[M. LEGALLAIS Maxime](#)
[M. LUBART Quentin](#)
[M. MAAS Klaasjan](#)
[M. MADAR Roland](#)
[M. MUNOZ-ROJAS David](#)
[M. PARIZE Romain](#)
[M. PIGNARD Stephane](#)
[M. RIASSETTO David](#)
[M. ROBIN Arnaud](#)
[M. ROUSSEL Herve](#)
[M. TENGELER Sven](#)
[M. TERRIER Laurent](#)
[M. VIENNET Renaud](#)
[M. WEISS Francois](#)
[M. ZHANG Shiqi](#)
[MLLE FOUREL Laure](#)

[MLLE PARENT-BERT Lucile](#)
[MLLE VALAT Anne](#)
[MLLE ZHANG Shanting](#)
[MME APPERT Estelle](#)
[MME ARBOLEAS Melanie](#)
[MME CHAIX Odette](#)
[MME DOUARD Nicole](#)
[MME GELARD Isabelle](#)
[MME JIMENEZ AREVALO Maria Carmen](#)
[MME PAINTRAND Isabelle](#)
[MME RAPENNE-HOMAND Laetitia](#)
[MONGE Claire](#)
[NGUYEN Tuyen](#)
[OUISSSE Thierry](#)
[PERNOT Etienne](#)
[QUESSADA Serge](#)
[RENEVIER Hubert](#)
[RESENDE Joao](#)
[SAN MARTIN Michele](#)
[SARIGIANNIDOU Eirini](#)
[SHI Lu](#)
[SHIN Yunji](#)
[SKOPIN Evgeni](#)
[STAMBOULI-SENE Valerie](#)
[VIBOUD Josiane](#)

Grenoble INP - Minatec
3 parvis Louis Néel - CS 50257 - 38016 Grenoble cedex 1
Tél. : +33 (0)4 56 52 93 00
Fax : +33 (0)4 56 52 93 01

www.grenoble-inp.fr/suivez-nous

[Pour en savoir plus](#) '); CookieCNIL.launchWithConsent());