



Dimitris N. Chorafas Foundation Award

The prize is awarded for particularly excellent master's and/or doctoral work in the fields of energy and information technology and automation technology.

Award	Year	Winner	Research Subject	EPFL Thesis number	Thesis director	Infoscience record
Dimitris N. Chorafas Foundation Award	2023	KEVIN JABLONKA	Toward data-driven materials design: From atoms to pilot plants	EPFL thesis n° 10390 (2023)	Prof. B. Smit	https://infoscience.epfl.ch/record/302587
Dimitris N. Chorafas Foundation Award	2022	WEIYAN NI	The design and synthesis of nanostructured hydrogen oxidation reaction electrocatalysts for hydroxide exchange membrane fuel cells	EPFL thesis n° 8710 (2021)	Prof. X. Hu	https://infoscience.epfl.ch/record/289641
Dimitris N. Chorafas Foundation Award	2022	VYTAUTAS NAVIKAS	Biophysical applications of correlative scanning probe and super-resolution microscopy	EPFL thesis n° 9021 (2021)	Prof. A. Radenovic	https://infoscience.epfl.ch/record/288667
Dimitris N. Chorafas Foundation Award	2021	SAI PRANEETH KARIMIREDDY	Optimization algorithms for collaborative machine learning	EPFL thesis n° 8056 (2021)	Prof. M. Jaggi	https://infoscience.epfl.ch/record/288645
Dimitris N. Chorafas Foundation Award	2021	ANDREAS LEBER	Soft functional fibers for mechanical sensing and actuation	EPFL thesis n° 9206 (2021)	Prof. F. Sorin	https://infoscience.epfl.ch/record/288401
Dimitris N. Chorafas Foundation Award	2020	OLIVER SELMONI	Seascape genomics as a new tool to empower coral reef conservation strategies	EPFL thesis n° 8039 (2020)	Dr. S. Joost	https://infoscience.epfl.ch/record/279524?ln=fr
Dimitris N. Chorafas Foundation Award	2020	MICHELE SIMONCELLI	Thermal transport beyond Fourier, and beyond Boltzmann	EPFL thesis n° 8158 (2021)	Prof. M. Marzari	https://infoscience.epfl.ch/record/285895
Dimitris N. Chorafas Foundation Award	2019	MARTA FALCONE	Small Molecule Activation by Multimetallic Uranium Complexes	EPFL thesis n° 9539 (2019)	Prof. M. Mazzanti	https://infoscience.epfl.ch/record/265984?ln=fr
Dimitris N. Chorafas Foundation Award	2019	JAKUB TARNAWSKI	New Graph Algorithms via Polyhedral Techniques	EPFL thesis n° 9622 (2019)	Prof. O. Svensson	https://infoscience.epfl.ch/record/267500?ln=fr
Dimitris N. Chorafas Foundation Award	2018	MANOS KARPATHIOTAKIS	Just-in-time Analytics Over Heterogeneous Data and Hardware	EPFL thesis n° 8077 (2017)	Prof. A. Ailamaki	https://infoscience.epfl.ch/record/232585?ln=en
Dimitris N. Chorafas Foundation Award	2016	LINA CARLINI	Exploring dynamic organellar shape using live-cell fluorescence super-resolution microscopy	EPFL thesis n° 6968 (2016)	Prof. S. Manley	https://infoscience.epfl.ch/record/218430?ln=en

Dimitris N. Chorafas Foundation Award	2016	MICHELE TAMAGNONE	Theory, design and measurement of near-optimal graphene reconfigurable and non-reciprocal devices at terahertz frequencies	EPFL thesis n° 7025 (2016)	Prof. J. R. Mosig	https://infoscience.epfl.ch/record/219004?ln=en
Dimitris N. Chorafas Foundation Award	2015	MOMCHIL MINKOV	Modeling and Optimization of Photonic Crystal Structures		Prof. V. Savona	
Dimitris N. Chorafas Foundation Award	2015	MINGFU SHAO	Models and Algorithms for Comparative Genomics	EPFL thesis n° 6706 (2015)	Prof. B. Moret	https://infoscience.epfl.ch/record/209735?ln=en
Dimitris N. Chorafas Foundation Award	2014	CATHERINE CLAVEL	Design, in vitro and in vivo evaluation of tumor-selective organic and organometallic anticancer drugs	EPFL thesis n° 6373 (2014)	Prof. P. Dyson	https://infoscience.epfl.ch/record/203725?ln=en
Dimitris N. Chorafas Foundation Award	2014	ORESTIS VARDOULIS	Novel non-invasive techniques for hemodynamic monitoring	EPFL thesis n° 6446 (2015)	Prof. N. Stergiopoulos	https://infoscience.epfl.ch/record/203885?ln=en
Dimitris N. Chorafas Foundation Award	2013	GILLES PUY	New efficient compressive acquisition strategies and reconstruction methods with applications in MRI		Prof. P. Vandergheynst et Prof. R. Gruetter	
Dimitris N. Chorafas Foundation Award	2013	KARIN SÖDERSTRÖM	Coupling light into thin silicon layers for high-efficiency solar cells	EPFL thesis n° 5714 (2013)	Prof. C. Ballif	https://infoscience.epfl.ch/record/185887?ln=en
Dimitris N. Chorafas Foundation Award	2012	ATA TUNA CIFTLIK	Opportunities for high-pressure microfluidics in biomedical applications	EPFL thesis n° 5868 (2013)	Prof. M. Gijs	https://infoscience.epfl.ch/record/188277?ln=en
Dimitris N. Chorafas Foundation Award	2012	LEVRAT JACQUES	Physics of polariton condensates in GaN-based planar microcavities	EPFL thesis n° 5449 (2012)	Prof. N. Grandjean	https://infoscience.epfl.ch/record/180635?ln=en
Dimitris N. Chorafas Foundation Award	2011	GAËL NARDIN	Phase-Resolved Imaging of Exciton Polaritons	EPFL thesis n° 5002 (2011)	Prof. B. Deveaud-Plédran	https://infoscience.epfl.ch/record/162432?ln=en
Dimitris N. Chorafas Foundation Award	2011	TADI TEJ	Neural mechanisms of the embodied self : merging virtual reality and electrical neuroimaging	EPFL thesis n° 4964 (2011)	Prof. O. Blanke	https://infoscience.epfl.ch/record/162109?ln=en
Dimitris N. Chorafas Foundation Award	2010	SIVAGNANAM VENKATARAGVALU	Microfluidic immunoassays based on self-assembled magnetic bead patterns and time-resolved luminescence detection	EPFL thesis n° 4644 (2010)	Prof. M. Gijs	https://infoscience.epfl.ch/record/144092?ln=en
Dimitris N. Chorafas Foundation Award	2010	CHRISTOPHER TOWNE	Adeno-associated virus-mediated gene delivery for amyotrophic lateral sclerosis and other motor neuron disorders	EPFL thesis n° 4669 (2010)	Prof. P. Aebischer	https://infoscience.epfl.ch/record/146685?ln=en
Dimitris N. Chorafas Foundation Award	2009	MÉLANIE ABONNENC	Miniaturized analytical systems for mass spectrometry-based protein studies	EPFL thesis n° 4507 (2009)	Prof. H. Girault	https://infoscience.epfl.ch/record/140625?ln=en

Dimitris N. Chorafas Foundation Award	2009	MATHIEU NUTH	Constitutive modelling of unsaturated soils with hydro-geomechanical couplings	EPFL thesis n° 4358 (2009)	Prof. L. Laloui	https://infoscience.epfl.ch/record/133629?ln=en
Dimitris N. Chorafas Foundation Award	2008	VINCENT POTT	Gate-all-around silicon nanowires for hybrid single electron transistor/CMOS applications	EPFL thesis n° 3983 (2007)	Prof. M. A. Ionescu	https://infoscience.epfl.ch/entities/publication/bf0a838d-3acc-450b-a3c7-9fc5d7b9ed2d
Dimitris N. Chorafas Foundation Award	2008	VINCENT SCHICKEL-ZUBER	Ontology filtering	EPFL thesis n° 3934 (2007)	Prof. B. Faltings	https://infoscience.epfl.ch/entities/publication/5e7023a2-310a-455e-9df4-9a3db75389af
Dimitris N. Chorafas Foundation Award	2007	JULIEN BOUCHER	Oleaginous plant seeds and seed by-products for water treatment	EPFL thesis n° 3572 (2006)	Prof. I. W. Marison	https://infoscience.epfl.ch/entities/publication/ac64beef-2cd1-49ba-86a0-8dc2a674e623
Dimitris N. Chorafas Foundation Award	2007	TANIA RINALDI	Altered neocortical microcircuitry in the valproic acid rat model of autism	EPFL thesis n° 3701 (2006)	Prof. H. Markram	https://infoscience.epfl.ch/entities/publication/3c777649-f44b-4c6b-b6f3-62e19fcb036d
Dimitris N. Chorafas Foundation Award	2006	PATRIC HAGMANN	From diffusion MRI to brain connectomics	EPFL thesis n° 3230 (2005)	Prof. J.-Ph. Thiran	https://infoscience.epfl.ch/entities/publication/dcfb12c1-7993-401c-b0ce-974b4d62a619
Dimitris N. Chorafas Foundation Award	2006	ERIKA NEHNEVAJOVA	Non-GMO approach for the improvement of heavy metal accumulation and extraction of high yielding crop species for efficient phytoextraction of contaminated soil	EPFL thesis n° 3414 (2005)	Prof. J.-P. Schwitzguébel	https://infoscience.epfl.ch/entities/publication/9b720d68-42c4-4eff-b9f8-fcfb8b649b6f
Dimitris N. Chorafas Foundation Award	2005	MARILYNE ANDERSEN	Innovative bidirectional video-goniophotometer for advanced fenestration systems	EPFL thesis n° 2941 (2004)	Prof. J.-L. Scartezzini	https://infoscience.epfl.ch/entities/publication/cf0a2afc-0188-4cae-b795-961110bc2c6d
Dimitris N. Chorafas Foundation Award	2004	NICOLAE CHIURTU	Multiple antenna systems for mobile communications	EPFL thesis n° 2730 (2003)	Prof. B. Rimoldi	https://infoscience.epfl.ch/entities/publication/f3c1d44c-a64a-4990-8463-88f3f61da6b2
Dimitris N. Chorafas Foundation Award	2004	ANTOINE GUILLEMIN	Using genetic algorithms to take into account user wishes in an advanced building control system	EPFL thesis n° 2778 (2003)	Prof. J.-L. Scartezzini	https://infoscience.epfl.ch/entities/publication/58346eee-da4e-4eab-90cf-3d6daa6e0c46
Dimitris N. Chorafas Foundation Award	2003	THOMAS SCHIMMING	Statistical analysis and optimization of chaos based broadband communications	EPFL thesis n° 2549 (2002)	Prof. M. Hasler	https://infoscience.epfl.ch/entities/publication/a208e7a7-2ec2-41a1-8d2d-f0d46a3774df
Dimitris N. Chorafas Foundation Award	2003	DAVID WERNER	Gaseous tracer diffusion from a point source as a site investigation method	EPFL thesis n° 2625 (2002)	Dr P. Höhener	https://infoscience.epfl.ch/entities/publication/f42f0ed0-2457-483a-a766-fce4acca2961

Dimitris N. Chorafas Foundation Award	2002	OSCAR DE FEO	Modeling diversity by strange attractors with application to temporal pattern recognition	EPFL thesis n° 2344 (2001)	Prof. M. Hasler	https://infoscience.epfl.ch/entities/publication/bc8f1937-0753-445f-a76b-60d9f561f82a
Dimitris N. Chorafas Foundation Award	2002	BASTIEN MONNERAT	Production d'hydrogène en régime périodique à partir d'hydrocarbures sur des catalyseurs structurés	EPFL thesis n° 2424 (2002)	Prof. A. Renken	https://infoscience.epfl.ch/entities/publication/df99f38b-c83e-4231-b8e7-f654031d347a
Dimitris N. Chorafas Foundation Award	2001	JÉRÔME LEBRUN	Balancing multiwavelets	EPFL thesis n° 2192 (2002)	Prof. M. Vetterli	https://infoscience.epfl.ch/entities/publication/d36d4c42-a65f-4714-a0c8-9c7b297446e0
Dimitris N. Chorafas Foundation Award	2001	CHRISTINE LÜTOLF	Modeling and optimizing energy production in a stochastic environment : from aggregate mid term planning to on-line	EPFL thesis n° 2233 (2000)	Prof. Th. M. Liebling	https://infoscience.epfl.ch/entities/publication/a47ba11a-6636-4684-84b5-6041506d041e

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