

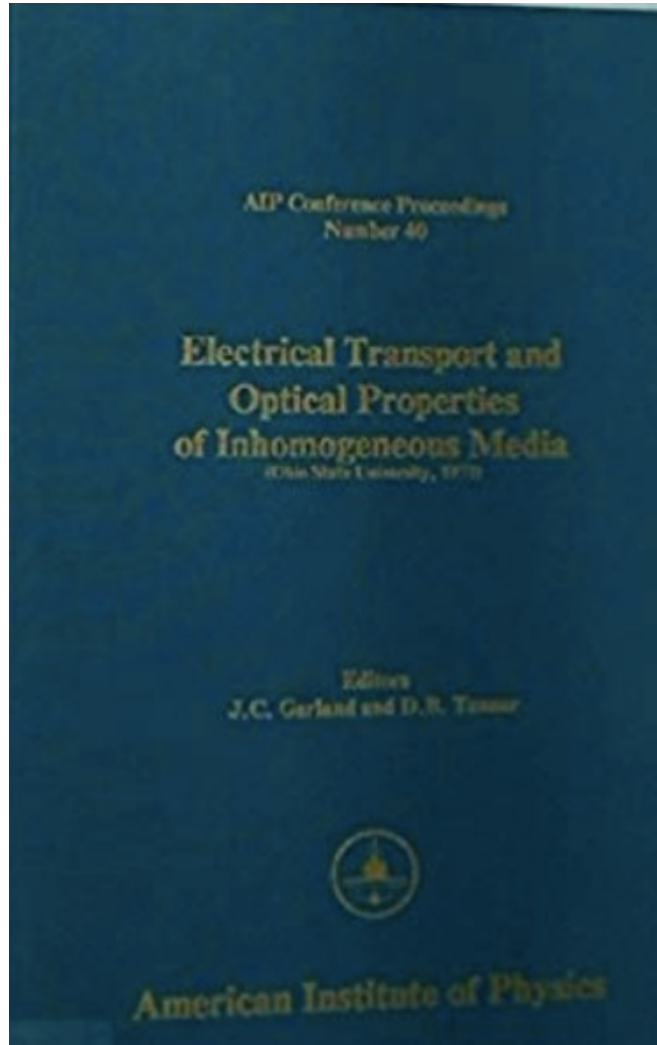
A Brief History of ETOPIIM

Electrical Transport and Optical Properties of Inhomogeneous Media

ETOPIM is the premier international society for scientists researching all aspects of the science of Composite Materials. Twelve ETOPIIM conferences have been organized since 1977, on a regular triennial basis since ETOPIIM3, but with a one year delay for ETOPIIM12, due to Covid.

The list of past venues follows. These conferences have provided a unique forum for experimentalists and theorists to get together and advance our understanding of the electrical transport and optical properties of inhomogeneous media.

The Inaugural Meeting: Ohio State University, 1977



April 1978

Electrical conductivity in inhomogeneous media

Rolf Landauer

AIP Conference Proceedings **40**, 2 (1978); <https://doi.org/10.1063/1.31150>

April 1978

Low-field and high-field hopping conduction in granular metal films

Ping Sheng

AIP Conference Proceedings **40**, 143 (1978); <https://doi.org/10.1063/1.31131>

April 1978

Analytical properties of the complex effective dielectric constant of a composite medium with applications to the derivation of rigorous bounds and to percolation problems

David J. Bergman

AIP Conference Proceedings **40**, 46 (1978); <https://doi.org/10.1063/1.31177>

Etopim Meetings before 2002

- Columbus, Ohio, (USA 1977), Jim Garland, Jan Korringa, Robert Mills, David Stroud, and David Tanner
- Paris (France 1988), Jacques Lafait, and David Tanner
- Guanajuato (Mexico, 1993), Ruben Barrera
- St. Petersburg to Moscow (Russia, 1996), A.M. Dykhne, Andrej Lagarkov, and Andrea Sarychev
- Hong Kong (China, 1999), Ping Sheng

Etopim Proceedings before 2002

- Electrical Transport and Optical Properties of Inhomogeneous Media (Ohio State University, 1977) AIP Conference Proceedings Number 40, edited by J.C. Garland and D.B. Tanner, American Institute of Physics, New York, ISBN 0-88318-139-8
- ETOPIIM 2, Proceedings of the Second International Conference on Electrical Transport and Optical Properties of Inhomogeneous Media, Paris, France, 29 August- 2 September 1988, edited by J.Lafait and D.B.Tanner, Physica A 157 (1989), Number 1, ISSN 0378-4371
Paris (France 1987),
- ETOPIIM 3, Proceedings of the Third International Conference on Electrical Transport and Optical Properties of Inhomogeneous Media, Guanajuato, Mexico, 9-13 August 1993, edited by W.L.Mochan and R.G.Barrera, Physica A 207 (1994), Numbers 1-3, ISSN 0378-4371
- ETOPIIM 4, Proceedings of the Fourth International Conference on Electrical Transport and Optical Properties of Inhomogeneous Media, held in Russia, 23-30 July 1996, on a riverboat cruise from St. Petersburg to Moscow, edited by A.M.Dykhne, A.N. Lagarkov and A.K.Sarychev, Physica A 241 (1997), Numbers 1-2, ISSN 0378-4371
- Proceedings of the Fifth International Conference on Electrical Transport and Optical Properties of Inhomogeneous Media ETOPIIM5 held in Hong Kong, China, 21-25 June 1999, edited by P.M. Hui, P. Sheng and L.-H. Tang, Physica B 279 (2000), Numbers 1-3, ISSN 0921-4526

ETOPIM 6



Welcome to the website of the

Sixth International Conference on the Electrical Transport and Optical Properties of Inhomogeneous Media

Major supporters: The National Science Foundation and the Army Research Office.
Endorsed by the American Physical Society ([APS](#))
and being held
in cooperation with the Society for Industrial and Applied Mathematics ([SIAM](#))
and the Optical Society of America ([OSA](#)),
from July 15th to July 19th 2002
at the Cliff Lodge at [Snowbird](#), a mountain resort near Salt Lake City, Utah



ETOPIM6: In the mountains of Utah!

Chairpersons:
Graeme Milton and Ken Golden



Physica B: Condensed Matter

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All issues

Proceedings of the Sixth International
Conference on Electrical Transport and Optical
Properties of Inhomogeneous Media

(ETOPIM 6)

15-19 July 2002 • Snowbird, UT, USA

G.W. Milton, K.M. Golden, D. Dobson, A.Z. Vardeny
Volume 338, Issues 1–4, Pages 1-374 (October 2003)

ETOPIM7: Beautiful Sydney Australia



Chairperson: Ross McPhedran

A screenshot of the Physica B journal website. The header is orange and contains the text "Physica B: Condensed Matter" and "SUPPORTS OPEN ACCESS". Below the header are navigation links: "Articles in press", "Latest issue", "Special issues", and "All issues". The main content area is white and displays the title "Proceedings of the Seventh International Conference on Electrical Transport and Optical Properties of Inhomogeneous Media (ETOPIM-7)" and the dates "9-13 July 2006 • Sydney, Australia". At the bottom, it lists the editors: "Edited by Ross C. McPhedran, Lindsay C. Botten, Nicolae-Alexandru P. Nicorovici, Boris T. Kuhlmeiy" and the publication details: "Volume 394, Issue 2, Pages 137-376 (15 May 2007)".



Ross McPhedran designed the Landauer medal with the figure on the Lycurgus cup on one side.

Etopim Association Founded by Ross McPhedran, First President

ETOPIM8: Exotic Rethymnon, Crete, Greece

Conference Chairpersons:

Maria Kafesaki and Costas Soukoulis

Physica B: Condensed Matter

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Proceedings of the Eighth International
Conference on Electrical Transport and Optical
Properties of Inhomogeneous Media
ETOPIM-8

Edited by Costas Soukoulis, Maria Kafesaki

Volume 405, Issue 14, Pages 2907-3056 (15 July 2010)



Inaugural Landauer
Medal awarded
posthumously
to Rolf Landauer

ETOPIM9: Spectacular Marseille!

ETOPIM 9 - du 2 au 7 septembre 2012,
Jardin du Pharo, Marseille



JOIN US!

The 35th Anniversary of ETOPIM!



**Chairpersons: Stefan Enoch and
Sebastien Guenneau**

Graeme Milton becomes the second
president of the association.



1st competitive award of
the Landauer Medal goes
jointly to David Bergman
and Graeme Milton.

ETOPIM10: Close to the heart of Jerusalem! June 2015

ETOPIM 10
Electrical, Transport and Optical Properties of Inhomogeneous Media

Tenth International Symposium
21-26, June 2015
Neveh Ilan, Israel



Welcome to "Electrical, Transport, and Optical Properties of Inhomogeneous Media" 10th International ETOPIM 2015. ETOPIM 10 will be held in Neveh Ilan in the mountains west of Jerusalem, Israel, During 21-26 June 2015. The meeting is open to all approved participants. Talks and posters will be by invitation only.

The aim of the meeting is to discuss experimental and theoretical developments in the field of inhomogeneous media. Anyone wishing to participate should write a short request by email to the local organizing committee. In it the applicant should indicate whether he or she also wishes to present research results and whether an oral or poster presentation is preferred. A one page abstract of the proposed presentation should be attached. Some of the invited speakers will be selected from among those applicants. Any further applications for participation, both active (with presentation) and non-active (without presentation), should be submitted RIGHT AWAY.

Contact: etopim10.cont@biu.ac.il
Venue: The conference will take place at the [Neveh Ilan Hotel](#).

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Landauer Medal awarded jointly to Vladimir Shalaev and Costas Soukoulis

Chairpersons: David Bergman, Valentin Freilikher, and Yakov Strelniker

ETOPIM11: In the heart of historical eastern Europe!. July 2018

ETOPIM11
ETOPIM11 ▾ PRELIMINARY SCHEDULE PLENARY SPEAKERS MASTER CLASSES FOR PARTICIPANTS ▾ REGISTRATION ▾ CONTACT



the premier INTERNATIONAL SOCIETY for scientists researching all aspects of the science of Composite Materials

META MATERIALS
INTERNATIONAL CONFERENCE
Krakow 2018



Dedicated to Ross McPhedran on the occasion of his 70th Birthday

ETOPIM11 will be held in Krakow, Poland, July 16-20, 2018

11th International Conference of Electrical, Transport, and Optical Properties on Inhomogeneous Media



Landauer Medal awarded jointly to Ross McPhedran and Ping Sheng.

Chairpersons: Vladimir Mityushev and Natalia Rylko

David Bergman becomes the third president of the association.



ETOPIM12 (4-8 July 2022): 12th International Conference on Elastic, Electrical, Transport, and Optical Properties of Inhomogeneous Media

4-8 Jul 2022 Besançon (France)

ETOPIM12: In Besancon: Science and Citadel. July 2022

Chairpersons: Muamer Kadic
and Vincent Laude



Landauer Medal awarded
to Hui Cao and Ad Lagendijk

ETOPIM13: In the big apple, New York, New York To be held in 2025.



Chairpersons: Andrea Alu and Emil Prodan