

CIRM conference on

Mathematical aspects of the physics with non-self-adjoint operators

3–7 June 2024
Marseille, France

Invited speakers:

Karine Beauchard (Rennes)
Jussi Behrndt (Graz)
Anne-Sophie Bonnet-BenDhia (Paris)
Cristina CÂMARA (Lisbon)
Isabelle Chalendar (Paris)
Kirill Cherednichenko (Bath)
Horia Cornean (Aalborg)
Jean-Claude Cuenin (Loughborough)
Jérémy Faupin (Metz)
Rupert Frank (Munich)
Marcel Hansmann (Chemnitz)
Michael Hitrik (Los Angeles)
Birgit Jacob (Wuppertal)
Maryna Kachanovska (Paris)
Cécilia Lancien (Grenoble)
Giorgio Metafune (Lecce)
Sandra Pott (Lund)
Birgit Schörkhuber (Innsbruck)
Johannes Sjöstrand (Dijon)
Christiane Tretter (Bern)



Calanque (six heures du soir)
by Lucien Lévy-Dhurmer (1930-6)

<http://nsa.fjfi.cvut.cz/CIRM2024>

Organisers:

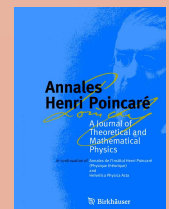
Lyonell Boulton (Edinburgh)
Lucrezia Cossetti (Bilbao)
David Krejčířík (Prague)
Petr Siegl (Graz)

Advisory board:

Tanya Christiansen (Columbia)
Fritz Gesztesy (Waco)
Alain Joye (Grenoble)
Beatrice Pelloni (Edinburgh)

The conference is supported by:

C I R M



How it all started

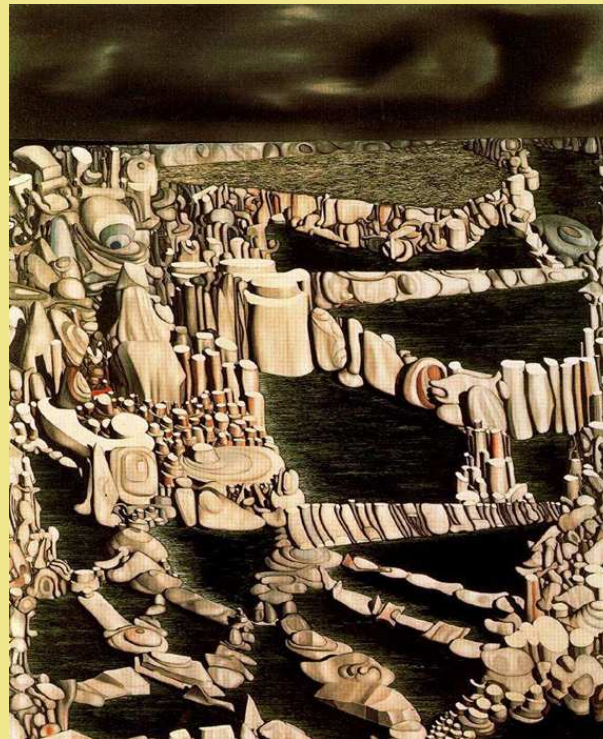
ESF exploratory workshop on Mathematical aspects of the physics with non-self-adjoint operators

30 August – 3 September 2010
Prague, Czech Republic

<http://www.ujf.cas.cz/ESFxNSA/>



Doppler Institute



Imaginary numbers by Y. Tanguy (1954)

Studying non-self-adjoint operators is like being a vet rather than a doctor: one has to acquire a much wider range of knowledge, and to accept that one cannot expect to have as high a rate of success when confronted with particular cases.

E. B. Davies 2007

Convenors: J.-P. Gazeau (Paris), D. Krejčířík (Prague), P. Siegl (Prague)

27 participants

Follow-up 1

ICMS workshop on Mathematical aspects of the physics with non-self-adjoint operators

11–15 March 2013
Edinburgh, UK

<http://www.ujf.cas.cz/MAPwNSA/>



International Centre
for Mathematical Sciences



La Joie de vivre by Max Ernst (1936)

Organisers:

L. Boulton (Edinburgh)
D. Krejčířík (Prague)
P. Siegl (Bern)

Scientific committee:

E. Brian Davies (London)
Ari Laptev (Stockholm)
Christiane Tretter (Bern)

40 participants

Follow-up 2

AIM workshop on Mathematical aspects of physics with non-self-adjoint operators

8–12 June 2015
San Jose, California, USA

<http://aimath.org/workshops/upcoming/nonseladjoint/>



Organisers: L. Boulton (Edinburgh), D. Krejčířík (Prague), P. Siegl (Bern)

23 participants

Follow-up 3

Mathematical aspects of the physics with non-self-adjoint operators

5–9 June 2017

CIRM, Marseille, France



IAMP



Marseille, colonie grecque by Pierre Puvis de Chavannes (1869)

Organisers:

D. Krejčířík (Prague)
P. Siegl (Bern)

Scientific committee:

G. Bouchitté (Toulon)
F. Gesztesy (Waco)
A. Joye (Grenoble)
L. Vega (Bilbao)

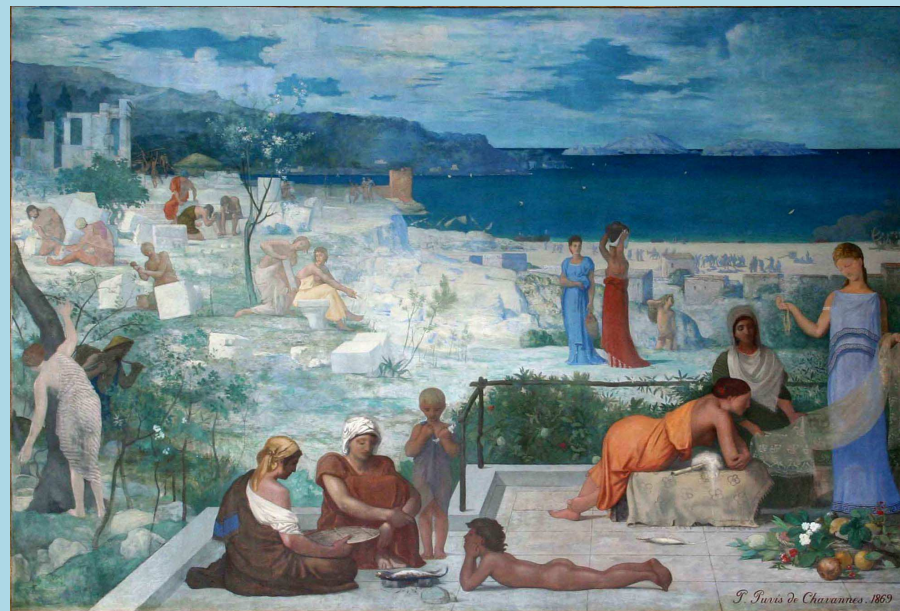
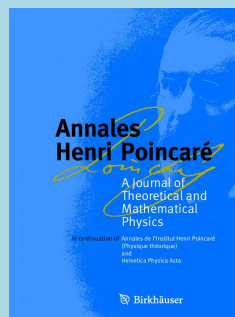
71 participants

Follow-up 4 (5, 6)

Mathematical aspects of the physics with non-self-adjoint operators: 10 years after

23–27 March 2020, 7–11 December 2020, 1–5 February 2021

CIRM, Marseille, France



Marseille, colonie grecque by Pierre Puvis de Chavannes (1869)

Organisers:

L. Boulton (Edinburgh)
D. Krejčířík (Prague)
P. Siegl (Belfast)

Scientific committee:

A.-S. Bonnet-BenDhia
E. Gallardo Gutiérrez
F. Gesztesy
L. Vega

83 participants

Follow-up 5

BIRS workshop on

Mathematical aspects of the physics with non-self-adjoint operators

Banff, Canada, 10 - 15 July 2022

The conference is supported
by:



Banff International Research Station



Luscinia megarhynchos

Studying non-self-adjoint operators is like being a vet rather than a doctor: one has to acquire a much wider range of knowledge, and to accept that one cannot expect to have as high a rate of success when confronted with particular cases.

A quotation from the preface to the 2007 book *Linear operators and their spectra* by E. B. Davies

47 participants

Follow-up 6 – now

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Marseille, France

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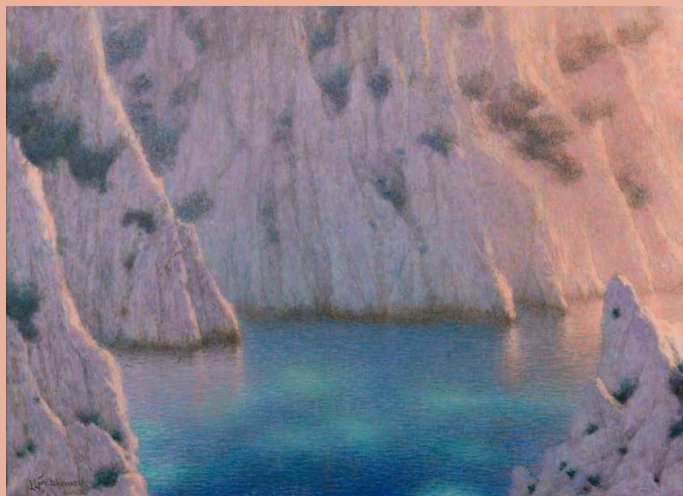
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Christiane Tretter (Bern)

Organisers:

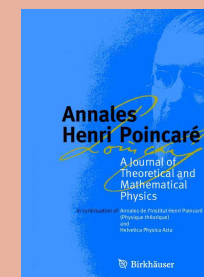
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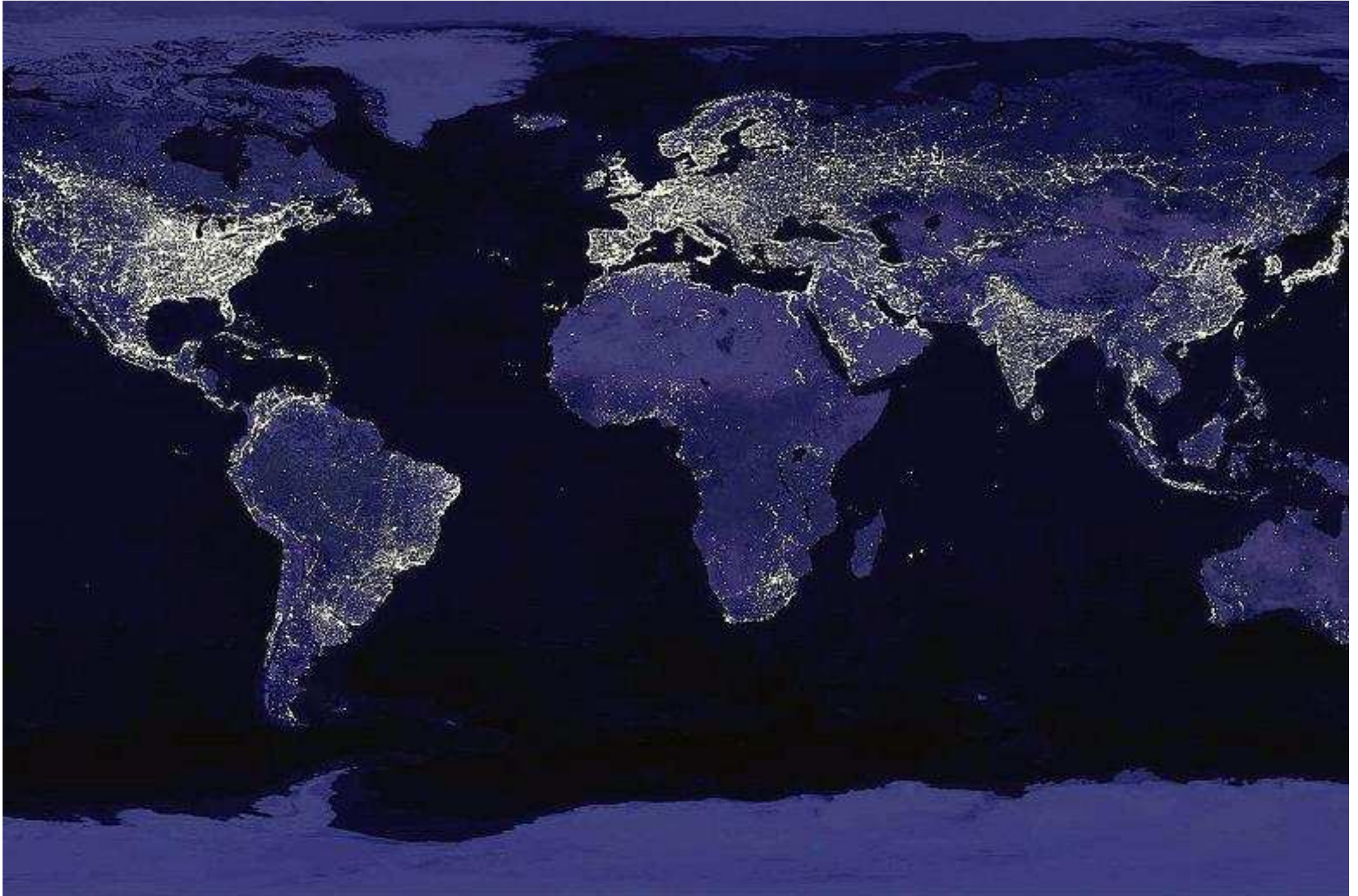
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83 participants

Next follow-up ?



This week

Sunday	<i>arrivals</i>				
	9:00 – 12:30	12:30	14:30 – 16:00	16:00 – 18:00	19:30
Monday	<i>lectures</i>	<i>lunch</i>	<i>lectures</i>	<i>posters & wine</i>	<i>dinner</i>
Tuesday	<i>lectures</i>	<i>lunch</i>	<i>lectures</i>	<i>open problems</i>	<i>dinner</i>
Wednesday	<i>lectures</i>	<i>lunch</i>	<i>free*</i>		<i>dinner</i>
Thursday	<i>lectures</i>	<i>lunch</i>	<i>lectures</i>		dinner**
Friday	<i>lectures</i>	<i>lunch</i>	<i>departures</i>		<i>dinner</i>

*



**



Group photo



Thursday 12:25 (before lunch)