

School on
“Recent trends in the mathematics of complex materials”

March 20 - 24, 2023

organized by
Arghir Zarnescu (BCAM), Xavier Lamy (Toulouse)

Time measurement: CET

• Monday, March 20

14:30 - 15:00	<i>Arrival and Registration</i>
15:00 - 16:00	Valeria Banica <i>Singular dynamics for the Schrödinger map, I</i>
16:00 - 16:30	<i>Coffee break</i>
16:30 - 17:30	Valeria Banica <i>Singular dynamics for the Schrödinger map, II</i>

• Tuesday, March 21

09:30 - 10:30	Arghir Zarnescu <i>Analysis of point defects in nematic liquid crystals, I</i>
10:30 - 11:00	<i>Group Photo and Coffee break</i>
11:00 - 12:00	Radu Ignat <i>Analysis of point defects in nematic liquid crystals, II</i>
12:00 - 15:00	<i>Lunch break</i>
15:00 - 16:00	Valeria Banica <i>Singular dynamics for the Schrödinger map, III</i>
16:00 - 16:30	<i>Coffee break</i>
16:30 - 17:30	Valeria Banica <i>Singular dynamics for the Schrödinger map, IV</i>
18:00	<i>Reception in the coffee room : wine and pretzels</i>

• Wednesday, March 22

09:30 - 10:30	Radu Ignat <i>Analysis of point defects in nematic liquid crystals, III</i>
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10:30 - 11:00	<i>Coffee break</i>
11:00 - 12:00	Arghir Zarnescu <i>Analysis of point defects in nematic liquid crystals, IV</i>
12:00 - 15:00	<i>Lunch break</i>
15:00 - 16:00	Richard James <i>Origami and Materials Science, I</i>
16:00 - 16:30	<i>Coffee break</i>
16:30 - 17:30	Richard James <i>Origami and Materials Science, II</i>

• **Thursday, March 23**

09:30 - 10:30	Lucia Scardia <i>Minimisers of nonlocal energies: The effect of anisotropy, I</i>
10:30 - 11:00	<i>Coffee break</i>
11:00 - 12:00	Lucia Scardia <i>Minimisers of nonlocal energies: The effect of anisotropy, II</i>
12:00 - 15:00	<i>Lunch break</i>
15:00 - 16:00	Richard James <i>Origami and Materials Science, III</i>
16:00 - 16:30	<i>Coffee break</i>
16:30 - 17:30	Richard James <i>Origami and Materials Science, IV</i>

• **Friday, March 24**

09:30 - 10:30	Lucia Scardia <i>Minimisers of nonlocal energies: The effect of anisotropy, III</i>
10:30 - 11:00	<i>Coffee break</i>
11:00 - 12:00	Lucia Scardia <i>Minimisers of nonlocal energies: The effect of anisotropy, IV</i>