

## **PROGRAM AT A GLANCE**

All talks will take place in **Barus & Holley** building.

**Plenary talks:** Room 168.

**Sessions I:** Room 141.

**Sessions II:** Room 153.

**Sessions III:** Room 190.

**Sessions IV:** Room 158.

**Monday night reception:** Faculty club.

## Monday

08:00 – 10:00 : **Registration with coffee**

10:00 – 10:55 : Invited lecture : **C. Bardos** (*Chairman : O. Lafitte*)

	Session I	Session II	Session III	Session IV
11:00 – 12:30	<b>Asymptotic Analysis</b> <i>(H. Haddar)</i>  AA1, AA2, AA3	<b>Guided Waves and Resonance</b> <i>(A.-S. Bonnet)</i> GWR1, GWR2, GWR3	<b>Nonlinear Waves</b> <i>(D. Gottlieb)</i>  NLW1, NLW2, NLW3	<b>Numerical Methods</b> <i>(E. Bécache)</i>  NM1, NM2, NM3
12:30 – 14:00 : <b>Lunch</b>				
14:00 – 14:55 : Invited lecture : <b>G. Uhlmann</b> ( <i>Chairman : P. Monk</i> )				
15:00 – 16:00	<b>Asymptotic Analysis</b> <i>(C. Bardos)</i>  AA4, AA5	<b>Guided Waves and Resonance</b> <i>(A.-S. Bonnet)</i> GWR4, GWR5	<b>Domain Decomposition</b> <i>(F. Nataf)</i> DDM1, DDM2	<b>Inverse Scattering</b> <i>(F. Cakoni)</i>  IS1, IS2
16:00 – 16:30 : <b>Coffee break</b>				
16:30 – 18:30	<b>Elastic Waves</b> <i>(P. Martin)</i>  EW1, EW2, EW3, EW4	<b>Artificial Boundary Conditions</b> <i>(T. Hagstrom)</i> ABC1, ABC2, ABC3, ABC4	<b>Electromagnetism</b> <i>(L. Pichon)</i>  EM1, EM2, EM3, EM4	<b>Inverse Scattering</b> <i>(F. Cakoni)</i>  IS3, IS4, IS5, IS6

## Tuesday

09:00 – 09:55 : Invited lecture : **O. P. Bruno** (*Chairman : P. Martin*)

10:00 – 10:30 : **Coffee break**

	Session I	Session II	Session III	Session IV
10:30 – 12:30	<b>Aeroacoustics</b> <i>(C. Bailly)</i>  AE1, AE2, AE8, AE4	<b>Artificial Boundary Conditions</b> <i>(T. Hohage)</i> ABC5, ABC6, ABC7, ABC8	<b>Domain Decomposition</b> <i>(N. Gmati)</i> DDM3, DDM4, DDM5	<b>Elastic Waves</b> <i>(G. Cohen)</i>  EW5, EW6, EW7, EW8

12:30 – 14:00 : **Lunch**

14:00 – 14:55 : Invited lecture : **G. Iooss** (*A.-S. Bonnet-Ben Dhia*)

15:00 – 16:00	<b>Direct Scattering</b> <i>(S. N. Chandler- Wilde)</i> DS1, DS2		<b>Numerical Methods</b> <i>(J. Hesthaven)</i>  NM14, NM5	<b>Inverse Problems and Imaging</b> <i>(I. Terrasse)</i> IPI1, IPI2
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16:00 – 16:30 : **Coffee break**

16:30 – 18:30	<b>Direct Scattering</b> <i>(S. N. Chandler- Wilde)</i> DS3, DS4, DS15	<b>Artificial Boundary Conditions</b> <i>(J. Li)</i> ABC9, ABC10, ABC11, ABC12	<b>Numerical Methods</b> <i>(J. Hesthaven)</i> NM6, NM7, NM8, NM9	<b>Inverse Problems and Imaging</b> <i>(I. Terrasse)</i> IPI3, IPI4, IPI5, IPI6
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## Wednesday

09:00 – 09:55 : Invited lecture : **F. Cakoni** (*Chairman : D. Colton*)

10:00 – 10:30 : **Coffee break**

10:30 – 12:30 : **Free time**

12:30 – 18:30 : **Sightseeing tours**

## Thursday

09:00 – 09:55 : Invited lecture : **C. Bailly** (*Chairman : S. Piperno*)

10:00 – 10:30 : **Coffee break**

	Session I	Session II	Session III	Session IV
10:30 – 12:30	<b>Direct Scattering</b> <i>(J. Tausch)</i>  DS6, DS7, DS8, DS9	<b>Multipole Methods and Fast Solvers</b> <i>(O. P. Bruno)</i> MMFS1, MMFS2, MMFS3, MMFS4	<b>Artificial Boundary Conditions</b> <i>(P. G. Petropoulos)</i> ABC13, ABC14, ABC15, ABC16	<b>Inverse Problems and Imaging</b> <i>(T. Arens)</i>  IPI7, IPI8, IPI9, IPI10

12:30 – 14:00 : **Lunch**

14:00 – 14:55 : Invited lecture : **I. Perugia** (*Chairman : J. Hesthaven*)

15:00 – 16:00	<b>Direct Scattering</b> <i>(P. Joly)</i>  DS10, DS11	<b>Electromagnetism</b> <i>(H. P. Urbach)</i>  EM5, EM6	<b>Aeroacoustics</b> <i>(J.-F. Mercier)</i>  AE5, AE6	<b>Numerical Methods</b> <i>(P. Monk)</i>  NM10, NM11
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16:00 – 16:30 : **Coffee break**

16:30 – 18:30	<b>Direct Scattering</b> <i>(P. Joly)</i> DS12, DS13, DS14, NM16	<b>Electromagnetism</b> <i>(H. P. Urbach)</i> EM7, EM8, EM9, EM10	<b>Aeroacoustics</b> <i>(J.-F. Mercier)</i>  AE7, AE3, AE9	<b>Numerical Methods</b> <i>(P. Monk)</i> NM12, NM13, NM4, NM15
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## Friday

09:00 – 09:55 : Invited lecture : **A. Figotin** (*Chairman : G. Bao*)

10:00 – 10:30 : **Coffee break**

	Session I	Session II	Session III	Session IV
10:30 – 12:30	<b>Direct Scattering</b> ( <i>D. Levadoux</i> )  DS16, DS17	<b>Nonlinear Waves</b> ( <i>G. Kreiss</i> )  NLW4, NLW5, NLW6, NLW7	<b>Inverse Scattering</b> ( <i>D. Colton</i> )  IS7, IS8, IS9	<b>Hydrodynamics and Gravity Waves</b> ( <i>C. Hazard</i> ) HGW1, HGW2, HGW3, HGW4