What are we doing here?

Introduction to the
Journées Scientifiques d’Aniti

Claire Pagetti, Nicolas Mansard
List of the chairs and participants

Céline Castets-Renard  
Fabrice Gamboa  
Jean François Bonnefon  
Jean-Michel Loubes  
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Nicolas Mansard

Bruno Jullien  
Leila Amgoud  
Jean François Bonnefon  
Marc Teboulle  
Claire Pagetti  
Thomas Schiex

Leila Amgoud  
Fabrice Gamboa  
Jean François Bonnefon  
Jérôme Bolte  
Jean-Bernard Lasserre  
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Céline Castets-Renard  
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Jean François Bonnefon  
César Hidalgo  
Nicolas Dobigeon

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ANITI Journées scientifiques 2019
List of the chairs and participants

Céline Castets-Renard
Bruno Jullien
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Jean-Michel Loubes
Serge Gratton
Marc Teboulle
Jérôme Bolte
Claire Pagetti
Jean-Bernard Lasserre
Jérôme Renault
Joao Marques-Silva
Daniel Delahaye

François Malgouyres

Hélène Fargier
Rufin Vanrullen
Frédéric Dehais
Thomas Schiex
Nicolas Mansard
Thomas Serre
Rachid Alami
Louise Travé-Massuyes
List of Integrative Programs

**IP A** - Acceptability, fair representative data for AI
Acceptability of *IA and data-based* models from social, economical, legal or ethical viewpoints. Tackle bottleneck and *bias in data*.

**IP B** - Certifiable AI toward autonomous critical systems
*Hybrid IA* to support the design and validation (e.g. certification authorities in aeronautics). With IRT-Saint Exupéry (*DEEL* project)

**IP C** - Assistant for design, decision, and optimized processes
*AI to aid human* decisions: natural dialogue, monitor-predict-correct system behavior, animate interactive robots,
Objectives of the days

- Two days of (pure) scientific exchanges
  - Get together
  - Learn and understand who is doing what
  - Connect to other chairs

- Define and personalize the scientific project
  - I hope I will be able to explain (high-level) the content of every chair after the two days

- Propose how we would like ANITI to run
  - Define a bottom-up scientific structure, organization and project
  - Built a systematic approach to work with industrials in ANITI
Organization of the days

- First part: presentation of each chair
  - 25 minutes, with questions
  - Your vision of how ANITI could run is welcome

- Second part: workshops
  - Split in 3 groups
  - Collegial discussion, no presentation
  - Synthesize in plenary meeting after each workshop

  - First workshop: by integrative program
  - Second workshop: classification to be defined
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>8:30 – 8:50</td>
<td>Introduction (pres. par Pagetti N. Mansard)</td>
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<tr>
<td>8:50 – 10:05</td>
<td>Presentations of chairs Group 1</td>
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<tr>
<td></td>
<td>Jean-Michel Loubes, Céline Castets-Renard, Leila Amgoud</td>
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<td>10:05 – 10:25</td>
<td>Break</td>
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<td>10:25 – 11:40</td>
<td>Presentations of chairs Group 2</td>
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<td>Jean-François Bonnefon, Cesare Hidalgo (pres. N. Asher), Bruno Jullien</td>
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<td>11:45 – 13:00</td>
<td>Presentations of chairs Group 3</td>
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<td>Thomas Serre, Rufin Vanrullen, Frédéric Dehais</td>
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<td>13:00 – 14:15</td>
<td>Lunch</td>
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<td>14:15 – 15:30</td>
<td>Presentations of chairs Group 4</td>
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<td>Jérôme Renaud, Thomas Schiex, Joao Marques-Silva (pres. Emmanuel Hebrard)</td>
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<td>15:30 – 16:45</td>
<td>Presentations of chairs Group 5</td>
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<td>Fabrice Gamboa, Serge Gratton, Nicolas Dobigeon</td>
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<td>16:45 – 17:10</td>
<td>Break</td>
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<tr>
<td>17:10 – 18:00</td>
<td>Presentations of chairs Group 6</td>
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<td>Jérôme Bolte (pres. F. Magouyres), Jean-Bernard Lasserre</td>
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## Program

### Tuesday 10 September

<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>9:00 – 10:15</td>
<td>Presentations of chairs Group 7&lt;br&gt; <em>Rachid Alami, Nicolas Mansard, Claire Pagetti</em></td>
</tr>
<tr>
<td>10:15-10:45</td>
<td>Break</td>
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<tr>
<td>10:45 – 12:00</td>
<td>Presentations of chairs Group 8&lt;br&gt; <em>Louise Travé-Massuyès, Hélène Fargier, Daniel Delahaye</em></td>
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<tr>
<td>12:00 – 13:15</td>
<td>Lunch</td>
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<tr>
<td>13:15 – 13:40</td>
<td>Presentation of the workshop organization</td>
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<td>13:40 – 15:10</td>
<td>Workshop, by Integrative Programs</td>
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<td>15:10 – 15:45</td>
<td>Sharing and merging</td>
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<tr>
<td>15:45 – 16:00</td>
<td>Break</td>
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<tr>
<td>16:00 – 17:30</td>
<td>Workshop, criterion to be defined (ex. by class of methods)</td>
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<tr>
<td>17:30 – 18:00</td>
<td>Sharing, merging and concluding</td>
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