

ANITI

ARTIFICIAL & NATURAL INTELLIGENCE
TOULOUSE INSTITUTE



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



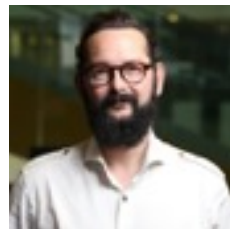
Bruno
Jullien



Leila
Amgoud



Fabrice
Gamboa



Jean François
Bonnefon



Cesar
Hidalgo



Nicolas
Dobigeon



Jean-Michel
Loubes



Serge
Gratton



Marc
Teboulle



Jérôme
Bolte



Claire
Pagetti



Jean-Bernard
Lasserre



Jérôme
Renault



Joao
Marques-Silva



Daniel
Delahaye



Hélène
Fargier



Rufin
Vanrullen



Frédéric
Dehais



Thomas
Schiex



Nicolas
Mansard



Thomas
Serre



Rachid
Alami



Louise
Travé-Massuyes

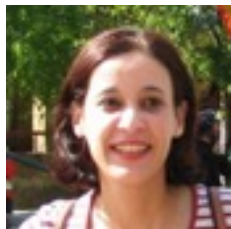
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Céline Castets-Renard



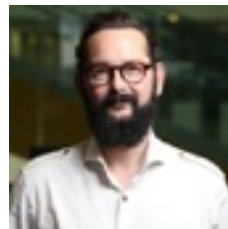
Bruno Jullien



Leila Amgoud



Fabrice Gamboa



Jean François Bonnefon



Cesar Hidalgo

Nicholas Asher



Nicolas Dobigeon



Jean-Michel Loubes



Serge Gratton



Marc Teboulle



Jérôme Bolte

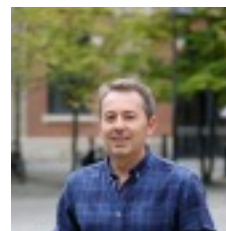
Francois Malgouyres



Claire Pagetti



Jean-Bernard Lasserre



Jérôme Renault



Joao Marques-Silva

Emmanuel Hebrard



Daniel Delahaye



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

- ❑ 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

Monday 9 september

8:30 – 8:50	Introduction (pres. par Pagetti N. Mansard)
8:50 – 10:05	Presentations of chairs Group 1 <i>Jean-Michel Loubes, Céline Castets-Renard, Leila Amgoud</i>
10:05 – 10:25	Break
10:25 – 11:40	Presentations of chairs Group 2 <i>Jean-François Bonnefon, Cesare Hidalgo (pres. N. Asher), Bruno Jullien</i>
11:45 – 13:00	Presentations of chairs Group 3 <i>Thomas Serre, Rufin Vanrullen, Frédéric Dehais</i>
13:00 – 14:15	Lunch
14:15 – 15:30	Presentations of chairs Group 4 <i>Jérôme Renaut, Thomas Schiex, Joao Marques-Silva (pres. Emmanuel Hebrard)</i>
15:30 – 16:45	Presentations of chairs Group 5 <i>Fabrice Gamboa, Serge Gratton, Nicolas Dobigeon</i>
16:45 – 17:10	Break
17:10 – 18:00	Presentations of chairs Group 6 <i>Jérôme Bolte (pres. F. Magouyres), Jean-Bernard Lasserre</i>

Tuesday 10 September

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