

PROGRAM



Monday 8th October 2018

9:00 – 10:00 Registration

Chairman: G. Hupin

10:00 – 10:05 Welcome of the conference by the organizers

10:05 – 10:35 Introduction (N. Alahari) (20'+10')

10:35 – 11:00 Data Management, the future (V. Beckmann) (20'+5')

11:00 – 11:30 Coffee break

Chairman: P. Ascher

11:30 – 12:15 Status of Spiral2 (R. Ferdinand) (30'+15')

12:15 - 13:00 Status of the Cyclotron complex (D. Ackermann) (30'+15')

13:00 – 14:00 Lunch at the Café Mancel

Ganil User Executive Committee (GUEC) Open Meeting

Chairman: Y. Blumenfeld

14:00 – 14:20 The IDEAAL project (M. Lewitowicz)

14:20 – 14:40 Introduction to the Ganil User Group and the Executive Committee (A. Maj)

14:40 – 15:00 Internationalization strategy for GANIL (L. Petersen)

15:00 – 15:20 Status of GANIL detectors (A. Lemasson)

15:20 – 15:40 Status of Traveling detectors (M. Assié)

15h40 - 16:10 Coffee break

16:10 - 17:00 Open Discussion: How can GUEC best serve the GANIL User Community?

17:00 - 18:00 Closed session of GUEC

18:00 – 19:30 Free Visit of the “Musée des Beaux –Arts”

19:30 Welcome Cocktail at the Café Mancel

Tuesday 9th October 2018

Chairman: A. Drouart

9:00 – 10:00 Open Questions on Heavy Elements (A. Lopez-Martens) (40'+20')

10:00 – 10:45 S3/DESIR Physics Program on Heavy Elements (J. Piot) (30'+15')

10:45 – 11:15 Coffee break

Chairman: A. Drouart

11:15 – 12:00 Cyclotron Physics Program on Heavy Elements (M. Vandebrouck) (30'+15')

12:00 – 12:45 Challenge for Theories in Heavy Elements (M. Bender) (30'+15')

12:45 – 14:00 Lunch at the café Mancel

14:30 – 17:30 **GANIL visit** - *The bus will leave at 14:20 in front of the café Mancel and returns at the same location (return from GANIL at 17:15).*

or

14:00 - 18:30 *"First meeting of the working group GT2
"Which are the nuclear shapes and nuclear symmetries at the spin and mass frontiers?"
of the GDR RESANET. »*

14:00 – 14:20 Superheavy nuclei: open questions (A. Lopez-Martens)

14:20 – 14:40 Superdeformation: new avenues (J. Wilson)

14:40 – 15:00 Nuclear hyperdeformation: observations and predictions (A. Korichi)

15:00 – 15:20 Shape transitions and coexistence (E. Clément)

15:20 – 15:40 Coffee break

15:40 – 16:00 Exotic shapes (J. Dudek)

16:00 – 16:20 Mean-field description of deformed states: open questions (M. Bender)

16:20 – 16:40 Beyond mean field: GCM (B. Bally)

16:40 – 17:00 Beyond mean field: the Bohr Hamiltonian (S. Hilaire)

17:00 – 17:20 Correlations and collectivity within the shell model (F. Nowacki)

17:20 – 18:30 General discussion

Wednesday 10th October 2018

Chairman: B. Fornal

9:00 – 10:00 Open questions in N=Z nuclei (S. Lenzi) (40'+20')

10:00 – 10:45 S3/DESIR physics program in N=Z nuclei (L. Caceres) (30'+15')

10:45 – 11:15 Coffee break

Chairman: B. Fornal

11:15 – 12:00 Cyclotron physics program in N=Z nuclei (M. Assié) (30'+15')

12:00 – 12:45 Challenges for theory in N=Z nuclei (W. Satula) (30'+15')

12:45 – 14:00 Lunch at the café Mancel

Chairman: S. Grevy

14:00 – 15:00 Physics program at the shell closures (A. Lemasson) (40'+20')

15:00 – 15:45 Challenges for theory at the shell closures (V. Soma) (30'+15')

15:45 – 16:15 Coffee break

Chairman: (tbc)

16:15 – 17:15 GANIL physics program on Collective excitation (R. Raabe) (40'+20')

Chairman: E. Clément

17:15 – 18:15 Interdisciplinary research program (I. Monnet / P. Rousseau) (40'+20')

19:30 Conference Dinner at the “Abbaye aux Dames”

Thursday 11th October 2018

Chairman: F. Nowacki (tbc)

9:00 – 10:00 Open questions for phenomena at the particle threshold (M. Ploszajczak) (40'+20')

10:00 -10:45 GANIL physics program at the particle threshold (A. Matta) (30'+15')

10:45 – 11:15 Coffee break

Chairman: I. Stefan

11:15 – 12:15 Open questions in nuclear astrophysics (M. Oertel) (40'+20')

12:15 – 13:00 GANIL physics program in astrophysics (F. De Oliveira) (30'+15')

13:00 – 14:00 Lunch at the café Mancel

Chairman: B. Blank

14:00 – 15:00 Fundamental interaction at GANIL (O. Navilat) (40'+20')

Chairman: R. Bougault

15:00 – 16:00 Open questions in nuclear dynamics (P. Magierski) (40'+20')

16:00 – 16:30 Coffee break

Chairman: R. Bougault

16:30 – 17:30 GANIL physics program on nuclear dynamics (J. Frankland) (40'+20')

17:30 – 18:30 Opportunities for nuclear dynamics at NFS (M. O. Fregeaux) (40'+20')

Friday 12th October 2018

Chairman: D. Durand

9:00 – 10:00 Nuclear Data at NFS (M. Kerveno) (40'+20')

10:00 – 11:00 Challenges for nuclear reaction Theories (C. Bertulani) (40'+20')

11:00 – 11:30 Coffee break

11:30 – 12:30 Concluding Remarks

Chairman: H. Goutte

Each chairman is invited to present 3 slides summarizing the output of his session.

12:30 – 14:00 Lunch at the café Mancel

- End of the conference -