



PARIS Collaboration Meeting

INFN Laboratori Nazionali di Legnaro, Aula Villi
28-29 November 2019

PROGRAM

Thursday, 28 November

09:00 → 11:10

PARIS latest news

Convener: Fabiana Gramegna (INFN LNL)

- 09:00 **Welcome** 5'
Fabiana Gramegna (INFN LNL)
- 09:05 **News from the PPM** 25'
Adam Maj (IFJ PAN Krakow)
- 09:30 **News from PSC** 15'
Bogdan Fornal (IFJ PAN Krakow)
- 09:45 **PARIS Lol for the AGATA@LNL campaign** 15'
Franco Camera (University of Milano)
- 10:00 **PARIS detectors - Status and Beyond** 20'
Olivier Dorvaux (University of Strasbourg, IPHC)
- 10:20 **PARIS electronics** 20'
Piotr Bednarczyk (IFJ PAN Krakow)
- 10:40 **Fortuitous "near-threshold" resonances** 30'
Marek Ploszajczak (GANIL)

- 11:10 Coffee break 20'

11:30 → 13:10

Krakow and Warsaw campaigns

Convener: Marek Lewitowicz (GANIL)

- 11:30 **The collective modes' investigations at CCB IFJ PAN, experimental setup and scientific program 20'**
Maria Kmiecik (IFJ PAN Krakow)
- 11:50 **Performance of PARIS clusters in the study of γ -decay of the collective states in ^{208}Pb excited in the (p,p') reaction at the CCB facility 20'**
Barbara Wasilewska (IFJ PAN Krakow)
- 12:10 **Decay of the "stretched" M4 state in ^{13}C studied by gamma-particle coincidences 20'**
Natalia Cieplicka (IFJ PAN Krakow)
- 12:30 **Proposed campaign at HIL in Warsaw 20'**
Pawel Napiorkowski (University of Warsaw, HIL)
- 12:50 **Validity of the Cline formula on safe energy for light ions and high excitation energy 20'**
Katarzyna Hadynska-Klek (University of Warsaw, HIL)
- 13:10 Lunch

14:30 → 16:30

GANIL and IPN Orsay experiments

Convener: Silvia Leoni (University of Milano)

- 14:30 **Status of the e676 experiment with AGATA+PARIS+VAMOS 20'**
Sara Ziliani (University and INFN Milano)
- 14:50 **Access PDR through beta decay in exotic nuclei 20'**
Iolanda MATEA (IPN Orsay)
- 15:10 **PARIS + nuBall experiment: The GDR gamma-decay gated by states of different deformation 20'**
Michal Ciemala (IFJ PAN Krakow)
- 15:30 **Potential coupling of PARIS/nuball2 20'**
Speaker: Jonathan Wilson (IPN Orsay)
- 15:50 **Study of deformed and spherical 2^+ states via Coulomb excitation and first time measurement of PDR in ^{34}Si – PARIS@LISE at GANIL 20'**
Speaker: Mihai Stanoiu (IFIN-HH)
- 16:10 **PARIS for study of fission at VAMOS 20'**
Speaker: Marek Lewitowicz (GANIL)
- 16:30 Coffee break 30'

17:00 → 18:00 Discussion part 1 Convener: Franco Camera (University of Milano)

17:00 → 19:00 PARIS Steering Committee (closed, Aula Vannucci)

20:00 → 22:00 Conference Dinner at Restaurant Isola di Caprera (Padova)

Friday, 29 November

09:00 → 11:05

New proposals

Convener: Adam Maj (IFJ PAN Krakow)

09:00 **High spin states studies with PARIS and AGATA at LNL** 20'

Speaker: Magdalena Matejska-Minda (IFJ PAN Krakow)

09:20 **Isospin mixing using PARIS** 20'

Speaker: Giulia Gosta (University and INFN Milano)

09:40 **PARIS for p-nuclei** 20'

Speaker: Bernadette Rebeiro (Institute de Physique de 2 Infinis de Lyon)

10:00 **Possible coupling of INGA and PARIS for the study of nuclear structure** 25'

Speaker: Rudrajyoti Palit (TIFR)

10:25 **Hot Giant Dipole Resonance studies at VECC and future perspectives** 25'

Speaker: Mukhopadhyay Supriya (Variable Energy Cyclotron Centre)

10:50 **PARIS at HISPEC/DESPEC** 15'

Speaker: Juergen Gerl (GSI)

11:05 Coffee Break 15'

11:20 → 12:40

Active Target

Convener: Marco Cinausero (INFN LNL)

11:20 **Perspectives for an Active Target at SPES** 25'

Speaker: Tommaso Marchi (INFN LNL)

11:45 **Analysis of the energy loss in gaseous media: commissioning of the Active Target for SPES** 20'

Speaker: Antonio Maria Buccola (University of Firenze)

12:05 **Studies and perspectives of collective excitations with active targets** 35'

Speaker: Alice Mentana (KU Leuven)

12:40 → 13:10

Discussion part 2 and Conclusions

Conveners: Adam Maj (IFJ PAN Krakow)

Franco Camera (University of Milano)