

# **SPIRAL2 Week 2012**

## **Detailed Scientific Programme**

**Monday January 23<sup>rd</sup>, 2012 - Morning**

### **Introduction**

**9:30 – 9:50 Welcome**  
F. Staley – GANIL, France

**9:50 – 10:25 Status of SPIRAL2**  
M. Jacquemet – GANIL, France

**10:25 – 11:00 SPIRAL2 Physics and Collaborations**  
M. Lewitowicz – GANIL, France

*11:00 – 11:30 Coffee Break*

### **Driver Accelerators – 1**

*Chair: J.L. Biarrotte – IPNO/CNRS, France*

**11:30 – 11:50 Status of construction of the Accelerator Driver**  
P. Bertrand – GANIL, France

**11:50 – 12:15 Installation and Commissioning of the Driver**  
R. Ferdinand – GANIL, France

**12:15 – 12:35 Technical and Beam Test Results at Irfu/CEA Saclay**  
O. Tuske / A. Caruso – Irfu/CEA, France & INFN/LNS, Italy

**12:35 – 13:00 Technical Tests of the First MEBT Buncher**  
J.F. Leyge – GANIL, France

*13:00 – 14:30 Lunch*

## Monday January 23<sup>rd</sup>, 2012 - Afternoon

### **Driver Accelerators – 2**

*Chair: C. Barthe-Dejean – GANIL, France*

- 14:30 – 14:55 **Status of Cryomodules A and B**  
G.Olry / P. Bosland – Irfu/CEA and IPNO/CNRS, France
- 14:55 – 15:20 **LHE Beam Characteristics and Spots at Beam Dump, S3, NFS and Production**  
L. Perrot – IPNO/CNRS, France
- 15:20 – 15:45 **RF Status**  
M. Di Giacomo – GANIL, France
- 15:45 – 16:10 **Diagnostics**  
P. Ausset – IPNO/CNRS, France
- 16:10 – 16:35 **Machine Protection System**  
M.H. Moscatello, GANIL, France

*16:35 – 17:00 Coffee Break*

- 17:00 – 18:30 **Parallel Meetings**  
(see separate Programme of Parallel Meetings for details)

*19:00 Cocktail*

## Tuesday January 24<sup>th</sup>, 2012 - Morning

### **Safety at SPIRAL2**

*Chair: J. Sauret – CEA, France*

- 9:00 – 9:15 SPIRAL2 administrative procedure  
N. Pauwels – GANIL, France
- 9:15 – 9:50 Safety aspects and improvements (SPIRAL 2 + existing GANIL installations)  
C. Brouillard / A. Savalle / B. Rannou – GANIL, France
- 9:50 – 10:10 Release authorization (technical recommendations + Euratom advice)  
M. Lambert – GANIL, France

### **SPIRAL2 Buildings and Synthesis Phase 1 & 2**

- 10:10 – 10:45 Building and Synthesis Phase 1  
E. Petit – GANIL, France
- 10:45 – 11:10 Building and Synthesis Phase 2  
X. Hulin – GANIL, France

*11:10 – 11:30 Coffee Break*

### **RNB – 1**

*Chair: M. Quiclet – GANIL, France*

- 11:30 – 12:00 Status of UCx Target  
S. Tusseau-Nenez – IPNO/CNRS, France
- 12:00 – 12:25 The prototype of the 50 kW neutron converter: design and construction  
L. Tecchio – INFN, Italy
- 12:25 – 12:55 Ion sources status and day one production  
H. Franberg-Delahaye – GANIL, France

*12:55 – 14:30 Lunch*

## Tuesday January 24<sup>th</sup>, 2012 - Afternoon

### **RNB – 2**

*Chair: L. Serani – CENBG/CNRS, France*

- 14:30 – 14:50 **Schedules and WBS: why and how**  
P. Laborie – LPC/CNRS, France
- 14:50 – 15:10 **RFQ Cooler experimental results**  
R. Boussaid – LPC/CNRS, France
- 15:10 – 15:40 **Status of the RNB line**  
F. Varenne – GANIL, France
- 15:40 – 16:10 **Production module and target and ion source interfaces**  
Y. Huguet & C. Barthe-Dejean – GANIL, France
- 16:10 – 16:35 **Exploitation and maintenance of equipment in nuclear environment**  
R. Boivinet & H. Pascal – CEA, France
- 16:35 – 17:00 Coffee Break*
- 17:00 – 18:30 **Parallel Meetings**  
(see separate Programme of Parallel Meetings for details)

**Poster and Industrial Exhibition Session**

## Wednesday January 25<sup>th</sup>, 2012 - Morning

9:00 – 12:00 **Visit of GANIL-SPIRAL2**

*12:00 – 13:30 Lunch*

## Wednesday January 25<sup>th</sup>, 2012 - Afternoon

### **RNB Facilities Worldwide**

*Chair: S. Galès – CNRS, France*

- 13:30 – 13:55 **FAIR/NUSTAR**  
H. Stöcker – GSI, Germany
- 13:55 – 14:20 **SPES**  
L. Piazza – INFN, Italy
- 14:20 – 14:50 **HIE ISOLDE & EURISOL**  
Y. Blumenfeld – CERN, Switzerland
- 14:50 – 15:15 **ALTO**  
F. Azaiez – IPNO/CNRS, France
- 15:15 – 15:40 **FRIB**  
B. Sherrill – MSU, USA

*15:40 – 16:00 Coffee Break*

### **Achievements of the FP7 SPIRAL2 PP**

*Chair: W. Catford – University of Surrey, UK*

- 16:00 – 16:15 **Introduction**  
M. Lewitowicz – GANIL, France
- 16:15 – 16:35 **Instrumentation**  
A. Maj – IFJ PAN, Poland
- 16:35 – 16:55 **Accelerators**  
F. Negoita – IFIN-HH, Romania
- 16:55 – 17:15 **RNB**  
L. Tecchio – INFN, Italy

**17:30 Celebration in honour of Sydney Galès**

*19:00 Cocktail*

*20:00 Conference dinner*

Thursday January 26<sup>th</sup>, 2012 - Morning

**Open Meeting of SPIRAL2 SAC & Scientific Council  
Session 1 – Evaluation of the SPIRAL2 Detectors**

*Chair: M. Harakeh – KVI, The Netherlands & GANIL, France*

*Speakers to be confirmed*

- 9:00 – 9:25 Status Report of S3 – A. Drouart
- 9:25 – 9:50 Status Report of NFS – X. Ledoux
- 9:50 – 10:15 Status Report of DESIR – J. C. Thomas
- 10:15 – 10:30 Lol\_SP2\_Ph1 13 Update – X. Ledoux
- 10:30 – 11:05 Lol\_SP2\_Ph1 3,4,5 Update – R. Ferrer-Garcia

*11:05 – 11:30 Coffee Break*

**Open Meeting of SPIRAL2 SAC & Scientific Council  
Session 2 – Update and new Lol Day 1 SP2 Phase 1**

*Chair: M. Harakeh – KVI, The Netherlands & GANIL, France*

*Speakers to be confirmed*

- 11:30 – 11:45 Lol\_SP2\_Ph1 11 Update – D. Seweryniak
- 11:45 – 12:00 Lol\_SP2\_Ph1 2 Update – C. Theisen

**12:00 Ceremony of signature of international agreements**

*13:00 – 14:30 Lunch*

## Thursday January 26<sup>th</sup>, 2012 - Afternoon

### **Open Meeting of SPIRAL2 SAC & Scientific Council Session 3 – Update and new Lol Day 1 SP2 Phase 1**

*Chair: M. Harakeh – KVI, The Netherlands & GANIL, France*

*Speakers to be confirmed*

- 14:30 – 14:55 Status Report on the SPIRAL Upgrade – P. Delahaye
- 14:55 – 15:10 Lol\_SP2\_Ph1 14 Update – M. Kerveno
- 15:10 – 15:25 Lol\_SP2\_Ph1 15 Update – D. Doré
- 15:25 – 15:40 Lol\_SP2\_Ph1 16 Update – P. Bem
- 15:40 – 15:55 Lol\_SP2\_Ph1 17 Update – C. Petrache
- 15:55 – 16:10 Lol\_SP2\_Ph1 18 Update – B. Bastin
- 16:10 – 16:35 Lol\_SP2\_Ph1 20 Update & 28 – G. Bélier

*16:35 – 17:00 Coffee Break*

### **Open Meeting of SPIRAL2 SAC & Scientific Council Session 4 – Update and new Lol Day 1 SP2 Phase 1**

*Chair: M. Harakeh – KVI, The Netherlands & GANIL, France*

*Speakers to be confirmed*

- 17:00 – 17:25 Lol\_SP2\_Ph1 21, 22 Update – S. Pomp
- 17:25 – 17:40 Lol\_SP2\_Ph1 23 – C. Hellweg
- 17:40 – 17:55 Lol\_SP2\_Ph1 24 – A. Klix
- 17:55 – 18:10 Lol\_SP2\_Ph1 25 – Ch. Stodel
- 18:10 – 18:25 Lol\_SP2\_Ph1 26 – B. Jacquot
- 18:25 – 18:40 Lol\_SP2\_Ph1 27 – P. Marini
- 18:40 – 18:55 Lol\_SP2\_Ph1 29 – B. Rosse

## Friday January 27<sup>th</sup>, 2012

**Closed Meeting of SPIRAL2 SAC & Scientific Council**

**WARNING: this meeting will take place at the GANIL Guesthouse**