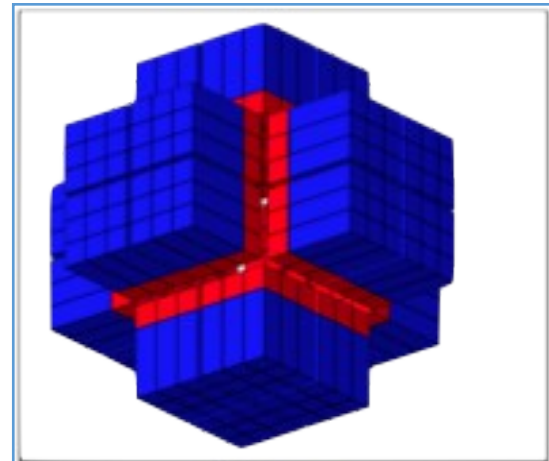
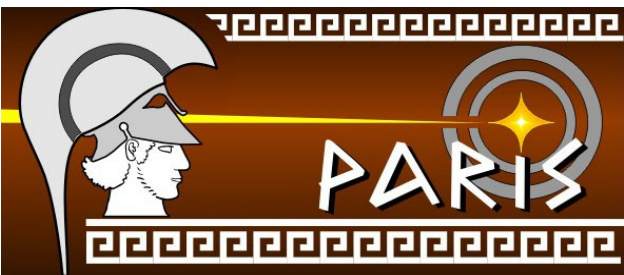


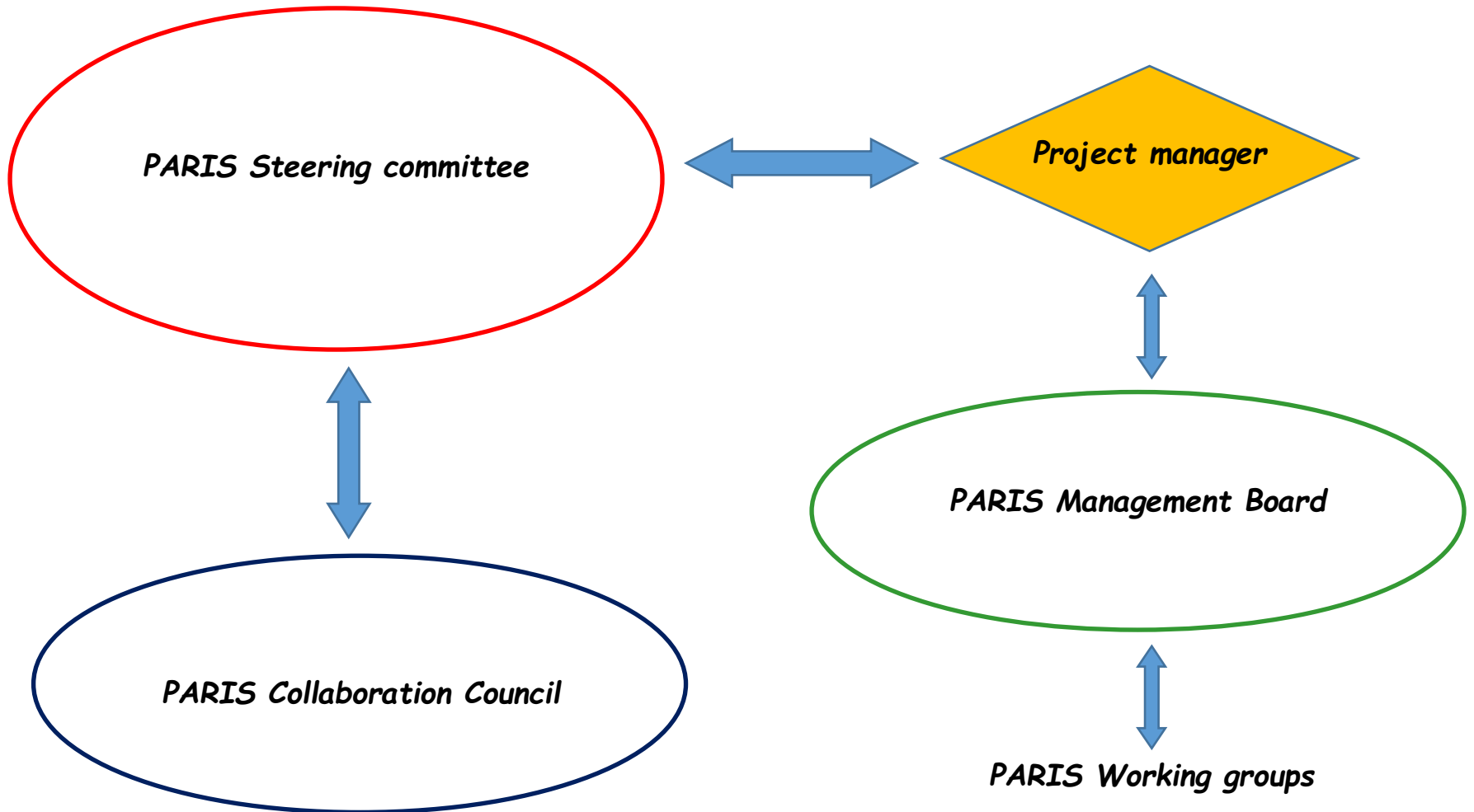
News from PARIS Scientific Council (PARIS Steering Committee)

**Vandana Nanal
on behalf of PSC**

(Paris Collaboration Meeting, Warsaw, 25 Jan 2018)



PARIS structure



PARIS Steering Committee

- **Constituted as per MOU (Jan. 2012)**
 - ***Responsible for project coordination and Scientific Policy***
 - ***Initial MOU period 2012- 15, extension 2015-20***
 - ***Minutes are made available on the PARIS website***
-
- **PCC advises the PSC on scientific matters**
 - ***Project manager and MB are responsible for execution of project***

PSC members are nominated by parties of the MOU.

1 member for party with contribution >5% of capital investment

2 members for party with contribution >15% of capital investment

2012-2015

Annexe A.1: List of Parties

FRANCE

- IN2P3/CNRS
- GANIL/SPIRAL2 (Caen)

POLAND

- Consortium COPIN

INDIA

- BARC Mumbai
- TIFR Mumbai
- VECC Kolkata

UNITED KINGDOM

- University of York

BULGARIA

- INRNE Sofia

ITALY

- INFN Milano
- LNL Legnaro

TURKEY

- Nigde University
- Sebahattin Zaim University
- Istanbul Technical University
- Akdeniz University

ROMANIA

- IFIN-HH Bucharest

List of Collaborating Institutions:

FRANCE

- IPNO (Orsay)
- IPNL (Lyon)
- IPHC (Strasbourg)
- GANIL (Caen)

POLAND

- IFJ PAN Krakow
- HIL and UW, Warsaw
- NCBJ Otwock
- UMCS Lublin

INDIA

- BARC Mumbai
- TIFR Mumbai
- VECC Kolkata

UNITED KINGDOM

- University of York
- University of Surrey

BULGARIA

- INRNE Sofia

ITALY

- INFN Milano
- LNL Legnaro

TURKEY

- Nigde University
- Sebahattin Zaim University
- Istanbul Technical University
- Akdeniz University

ROMANIA

- IFIN-HH Bucharest

Task list of PSC

1. Define the scientific policy of the *PARIS* Collaboration taking advice from the *PARIS* Collaboration Council.
2. Elect a chair and vice-chair among its members who will each serve for a period of two years.
3. Appoint a project manager and members of the *PARIS* Management Board.
4. Monitor the Project based on reports received from the Project Manager.
5. Decide on any modification of the Project proposed by the Project Manager.
6. Decide on the experiment campaigns for *PARIS* and the timetable.
7. Appoint the Campaign Spokesperson for each experiment campaign.
8. Review the scientific progress of each experimental campaign based on reports received from the Campaign Spokesperson.
9. Review the running cost statements and allocations

PSC - challenges

- *Design Modification : LaBr3 and CeBr3*
- *DAQ (PARIS-pro, Commercial digitizers, GTS)*
- *PARIS Campaigns : IPNO, GANIL (AGATA+PARIS)*
more coming soon.....
- *Scientific Output*
- *Presentations/seminars*

PSC – in coming years...

Proposed action plan

- *New partners*
- *Extension of MOU (31st dec. 2015, 2016-17, 2018-20)*
- *Resource repository for collaboration members*

PARIS progress & status report (2018)

Adam Maj, D. Jenkins, ...

List of Parties (2018-...)

FRANCE : IN2P3/CNRS Paris , GANIL/SPIRAL2 Caen

POLAND : Consortium COPIN

INDIA : BARC Mumbai, TIFR Mumbai, VECC Kolkata

UNITED KINGDOM : STFC

ITALY : INFN Milano, LNL Legnaro

TURKEY : Nigde University , Sebahattin Zaim University, Istanbul Technical University, Akdeniz University

ROMANIA : IFIN-HH Bucharest

RUSSIA : JINR Dubna

PARIS collaboration

<http://paris.ifj.edu.pl/articles.php?lng=en&pg=15>

MAIN PARTNERS

Poland (Consortium COPIN)

IFJ PAN Kraków: M. Kmiecik, B. Fornal, J. Grębosz, A. Maj, W. Meczynski, K. Mazurek, S. Myalski, J. Styczen, M. Zieblirski, M. Ciemala, A. Czermak, B. Dulny, B. Sowicki, M. Krzysiek, M. Jastrzab

Warsaw University: M. Dudelo, M. Kicinska-Habior, J. Srebrny, M. Palacz, P. Napiorkowski, K. Hadynska-Klek

NCBJ Swierk: M. Moszynski

UMCS Lublin: K. Pomorski

IN2P3 (France)

IPN Orsay: F. Azalez, J.A. Scarpaci, S. Franchoo, I. Stefan, I. Matea, G. Hull, B. Genolini, J. Bettane, P. Rossier, J. Wilson

IPN Lyon: C. Ducoin, O. Stezowski, N. Redon

IPHC Strasbourg: O. Dorvaux, S. Courtin, C. Beck, D. Curien, B. Gall, F. Haas, D. Lebhertz, R. Lozeva, M. Rousseau, M.-D. Salsac, L. Stuttgé, J. Devin, Ch. Finck, P. Medina, J. Dudek

CSNSM Orsay: G. Georgiev, J.A. Scarpaci

LPSC Grenoble: Gary Simpson

GANIL (France)

GANIL Caen (France): Ch. Schmitt, J.P. Wieleczko, S. Grevy, A. Chbihi, G. Verde, J. Frankland, M. Ploszajczak, A. Navin, G. De France, M. Lewitowicz, M. Tripon

LPC-ENSI Caen: O. Lopez, E. Vient

BARC/TIFR/VECC (India)

BARC Mumbai: B.K. Nayak, E.T. Mirgule, G. Mishra, P.C. Rout

TIFR Mumbai: I. Mazumdar, V. Nanal, R. Palit, R.G. Pillay

VECC Kolkata: C. Bhattacharya, D. Mondal, S. Mukhopadhyay, D. Pandit, S. Pal

ITT Roorkee: P. Arumugam, A.K. Gourishetty, A.K. Jain

INFN (Italy)

INFN Milano: S. Brambilla, F. Camera, S. Leoni

LNL Legnaro: F. Gramegna, G. De Angelis, J.J. Valiente Dobon, G. Prete, M. Cinausero, A. Gottardo, T. Marchi

INFN-LNS, Catania: D. Santonocito

INFN Napoli: D. Pierroutsakou

United Kingdom

U. York: D.G. Jenkins, M.A. Bentley, B.R. Fulton, R. Wadsworth, O. Roberts, P. Joshi, Y. Nuray

U. Surrey: W. Catford, Z. Podolyak, P.R. Regan, P. Stevenson, M. Nakhostin

STFC Daresbury: M. Labiche, J. Simpson, J. Strachan

U. Manchester: A. Smith

Romania

HH-IFIN, Bucharest: F. Negoita, F. Rotaru, M. Stanoiu

Turkey

Istanbul University, Istanbul: M.N. Erduran, M.Bostan, A. Tutay, M. Yalcinkaya, I. Yigitoglu, E. Ince, E. Sahin

Nigde University, Nigde: F. Celik, B. Eren, S. Erturk,

Erciyes University, Kayseri: I. Boztosun

Ankara University, Ankara: A. Ataç-Nyberg

Kocaeli University, Kocaeli: T. Güray

Bulgaria

INRNE, Bulgarian Academy of Sciences, Sofia: D. Balabanski

ASSOCIATED PARTNERS

ATOMKI Debrecen (Hungary): Z. Dombradi, D. Sohler, A. Krasznahorkay, G. Kalinka, J.Gal, J. Molnar

COLLABORATING PARTNERS

GSI Darmstadt (Germany): H. Geissel, J. Gerl, M. Górski,

Flerov Laboratory of Nuclear Reactions, JINR, Dubna, Russia: Y.E. Piononzhkevich, Y. Sobolev, A. Fomichev, S. Krupko, V. Gorshkov

RIKEN Tokyo (JP): P. Doornenbal, T. Motobayashi

Institute of Nuclear Physics, NCSR "Demokritos", Athens (Greece): S. Harissopulos, A. Lagoyannis, T. Konstantinopoulos

University of Oslo (Norway): S. Siem

iThemba LABS (RSA): R. Bark, P. Papka, Jakobus Lawrie

KVI, Groningen (The Netherlands): M. Haraheh

More partners welcome....

Broader science program

PARIS Collaborating Council and PARIS Spokesperson

Membership:

One representative from each collaborating institution and the *PARIS* Spokesperson.
The *PARIS* Spokesperson chairs meetings of the *PARIS* Collaborating Council.

The Campaign Spokesperson is invited to attend.

The tasks of the *PARIS* Collaborating Council are as follows:

1. Elect the *PARIS* spokesperson who will serve for a period of two years.
2. Advise the *PARIS* Steering Committee on scientific matters concerning the *PARIS* project and the research programme through the *PARIS* Spokesperson.
3. Nominate the Campaign Spokesperson for each experiment campaign to the *PARIS* Steering Committee.
4. Hold meetings, at least annually, to receive reports from the *PARIS* Steering Committee and *PARIS* Management Board on the progress of the Project and from the Campaign Spokesperson on the progress of the research programme.
5. Hold an annual open meeting of the *PARIS* Collaboration to present the status of the Project and to discuss future experiment campaigns.

Party or Country	Funds committed (before December 2017) (k€)	Personal resources committed (before December 2017) (person-month)	Planned (2018-2020) new capital investment (k€)	Planned (2018-2020) Personal resources (person-month)	Total capital investment (k€)	Total personal resources (person-month)
FRANCE-IN2P3	274	36	200	?	474	?
FRANCE-GANIL	64	12	80	3	144	15
POLAND	300	30	160	40	460	70
INDIA	217	36	100	36	317	72
UK	42	11	21	?	63	?
ITALY	64	20	130	20	294	40
TURKEY	27	10	40	10	67	20
ROMANIA	64	5	36	10	100	15
DUBNA			85*	10	85*	10
Total	1052		892		1944	

Partner	2012-2017		2018-2020		Whole period of MoU	
	LaBr3_NaI	CeBr3_NaI	LaBr3_NaI	CeBr3_NaI	LaBr3_NaI	CeBr3_NaI
FRANCE–IN2P3	10		8		18	0
FRANCE-GANIL	2	1	2	3	4	3
POLAND	6	4	3	5	9	9
INDIA	2	4	4	5	6	9
UK	2		1		3	
ITALY	2		5		7	
TURKEY	1			2	1	2
ROMANIA		4		2		6
DUBNA				6*		6*
Total	25	13	23	23	48	36

PARIS ... long term goal

- Phase 1 : PARIS prototype cluster (9 phoswich)
- Phase 2 : PARIS demonstrator 8 clusters ($\sim 1/3 \pi$)
- Phase 3: PARIS intermediate array ($\sim 2\pi$)
- Phase 4: PARIS full array ($\sim 4\pi$)

Provisional planning and milestones for the construction of the *PARIS* demonstrator system in 2015-2020.

March 2016 : First physics experiment with prototype cluster at IPNO

July 2017 : Two PARIS cluster completed – first experiments with AGATA in GANIL

Dec. 2017 : Four PARIS clusters completed

Dec. 2018 : Five PARIS clusters completed – First experiments with nuBall in IPNO, second experiment in GANIL

Dec. 2019: Six PARIS clusters completed – experiments in Krakow and Mumbai

Dec. 2020 : At least Eight PARIC clusters completed – experiments in LNL Legnaro and Dubna