

11TH INTERNATIONAL PARTICLE ACCELERATOR CONFERENCE

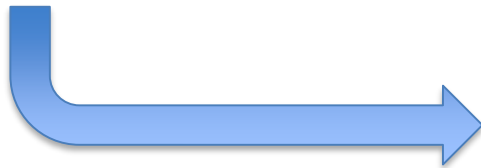
MAY 10 > 15, 2020 | HOSTED BY GANIL | CAEN, FRANCE



ORGANIZED BY



2893 registered participants



VIRTUAL CONFERENCE ACCESS

WELCOME TO IPAC20 VIRTUAL CONFERENCE

ENTER

2893+

PARTICIPANTS

24h+

VIDEOS

76+

PRESENTATIONS

Includes: 620 students as registered participants!



Scientific Program

Monday 09:00

Opening Session
(pre-recorded plus live chat)

Monday 14:00

MC1 Circular and Linear Colliders and **MC2 Photon Sources and Electron Accelerators** presentations released

Tuesday 09:00

MC3 Novel Particle Sources and Acceleration Techniques and **MC4 Hadron Accelerators** presentations released

Wednesday 09:00

MC5 Beam Dynamics and EM Fields and **MC6 Beam Instrumentation, Controls, Feedback and Operational Aspects** presentations released

Thursday 09:00

MC7 Accelerator Technology and **MC8 Applications of Accelerators, Technology Transfer and Industrial Relations** presentations released

Thursday 14:00

LIVE Prize Award Session and Closing Virtual IPAC'20
(pre-recorded plus live)

Saturday 23:59

Closing of chat



2020 Accelerator Awards

Thanks to Gianluigi Arduini and Prize Committee



**Touschek Prize
to A. Ferran Pousa, DESY**



**Gersh Budker Prize
to Hideaki Hotchi, JPARC**



**Frank Sacherer Prize
to J. Steinemann, KIT**



**Rolf Wideröe Prize
to Lucio Rossi,
CERN**



2020 Accelerator Awards

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Congratulations from the EPS-AG!

Frank Sacherer Prize
to J. Steinemann, KIT



Rolf Wideröe Prize
to Lucio Rossi,
CERN





The Scientific Programme Committee: Selection of Speakers

Main Classifications	European Coordinators	American and Asian "Deputies"
1. Circular and Linear Colliders	Frank Zimmermann, CERN	Fulvia Pilat, ORNL
2. Photon Sources and Electron Accelerators	Marie-Emmanuelle Couprie, SOLEIL	Todd Satogata, JLAB
3. Novel Particle Sources and Acceleration Techniques	Sven Reiche, PSI	Heung-Sik Kang, PAL (KR)
4. Hadron Accelerators	Giovanni Bisoffi, INFN	Tadashi Koseki, KEK
5. Beam Dynamics and Electromagnetic Fields	Sara Casalbuoni, KIT	Tor Raubenheimer, SLAC
6. Beam Instrumentation, Controls, Feedback and Operational Aspects	Andreas Jansson, ESS	John Byrd, ANL
7. Accelerator Technology	Jim Clarke, STFC	Qin Qing, IHEP
8. Applications of Accelerators, Technology Transfer, Industrial Relations and Outreach	Maurizio Vretenar, CERN	Kuo-Tung Hsu, NSRRC



The Scientific Programme Committee: Selection of Speakers

Ex-officio Members

Ralph Assmann, DESY

Mike Seidel, PSI

IPAC20 SPC Chair

IPAC20 OC Chair

Co-opted Members

Frederic Chautard

Marie-Helene Moscatello

Mei Bai

Cristina Vaccarezza

Peter McIntosh

Ketel Turzo

Susanne Schaefer

IPAC20 LOC Chair

Coordinator for the Session on Engagement
with Industry

WISE Session

Student training session

Peer reviewed proceedings

IPAC20 Scientific Secretary

Support IPAC20 SPC work

SPC/1, November 2018

- Outline of program skeleton / synoptic table; review the main classification; concept of industrial session, WISE
- Establish SAB; trigger submission of proposals
- OC: visit venue; review preparation
- OC: decide on next venue in region

SPC/2, May 2019

- Select invited oral presentations from proposals; balance aspects (themes, labs, countries ..)
- Plenary speakers; industrial session speakers
- Fine tune slot distribution

SPC/3, January 2020

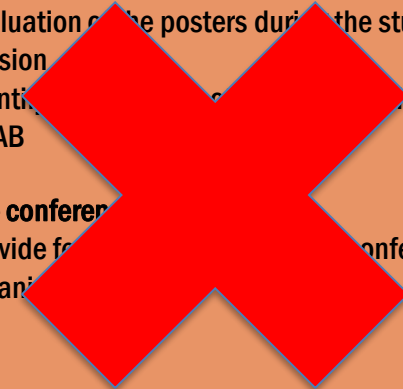
- Select contributed orals
- Finalize program
- Proceedings, conference app., special edition PRST-AB etc.
- Visit venue IPAC'23

During the conference, May 2020

- Evaluation of the posters during the student poster session
- Identifying speakers for communication to PRAB

After the conference

- Provide feedback to the conference organizers





Criteria for the selection of presentations

1. Assess the **number of preferences** in the SPMS; these are not binding votes, but should help you with the decision
2. **New/important/original** developments
3. **Projects** under study/construction; **important achievements** at running facilities; **event bonus** (new start-up, anniversary)
4. Was the topic **NOT** presented previously? - assess **advancement** since then.
5. **Balance aspects** for speaker and topic:
 - Previous invitations at IPAC's
 - Representation of regions, countries, labs, gender
 - Quality of speaker; reasonable balance of senior people and young scientists

SPC2 and SPC3 Selected Talks

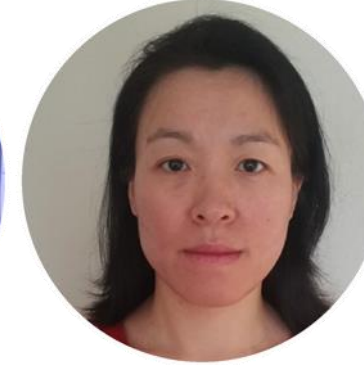




Statistics or No Statistics...

- Usually now you would get **statistics** on participants, posters, industry, students, ...
- Very big loss this year: **No industry session and no poster session.** Those are at the core of an IPAC. **Apologies** to industry who could not join and to everybody submitting an abstract and not being able to present a poster!
- Looking forward to the next IPAC with posters and industry!
- Could **only keep the oral program and the prize session.**
- So, (almost) no statistics this year but let's look at the faces of the speakers instead...

Un Grand Merci ... to the Speakers



Un Grand Merci ... to the Speakers



Un Grand Merci ... to the Speakers



Un Grand Merci ... to the Speakers



Un Grand Merci ... to the Speakers



Un Grand Merci ... to the Speakers



Un Grand Merci ... to the Speakers



What a diverse and promising group of 67 speakers... WOW

Shows strength, livelihood and dedication of our field!



Was it Worth to Keep Going?

- “...I very much appreciate being able **to improve myself professionally with all the content the speakers have recorded.**”
- The great efforts from our speakers were well invested! Many colleagues around the world appreciated the possibility to concentrate on work, to learn and to improve in those difficult times!

Thank you to our speakers for dedication to our accelerator field and valuable time spent!

Thank you to participants for interest, curiosity and flexibility to stay with IPAC in those unusual times!

The World Connected to IPAC'20



Note: Colleagues from China had problems to access IPAC'20 videos... To be solved in future!

Top 20 by Region *(Data from this Morning)*

Région	Region	Chargements		
India			+ Italy	1530
+ France		6613	+ Sweden	1089
+ United States		6159	+ Canada	1076
+ Germany		5810	+ Spain	763
+ United Kingdom		2959	+ India	705
+ Switzerland		1721	+ Brazil	522
+ Japan		1623		

And the winner is: France



Top 20 by Region (Data from Monday)

+ Russia	490	+ Belgium	160
+ Republic of Korea	446	+ Slovenia	131
+ Hong Kong	390	+ Oman	130
+ Taiwan	294	+ Poland	122
+ Netherlands	293	+ Thailand	118
+ Australia	288	+ Denmark	85
		+ Ukraine	78

Welcome Oman!

Note: I assume some Chinese colleagues connected through Hongkong.



Some Statistics – Status this Morning

- **32,032** videos watched
- Each registered participant watched on average **11 videos**
- Each talk watched on average **470 times**
- **604** comments on 76 presentations
- **Keep watching**: Videos stay online another 10 days
- **Keep commenting**: Comments open until Saturday



Proceedings - JaCOW

- We will **not offer proceedings-only-papers for IPAC'20**: no poster – no paper. Apologies.
- We **recommend publication of your results in PRAB** or other journals!
- Therefore also no IPAC Light Peer Review in 2020!
- Speakers only will have the opportunity to submit a paper to a special, reduced IPAC'20 proceedings. No obligation...
- **Many thanks to the JaCOW team** for their untiring support even in those difficult times!

Bringing IPAC'20 Online



Plus all the other members of the LOC, OC and SPC teams!

Bringing IPAC'20 Online



“What a challenge .. I like it ! Cheers”

Thank you!

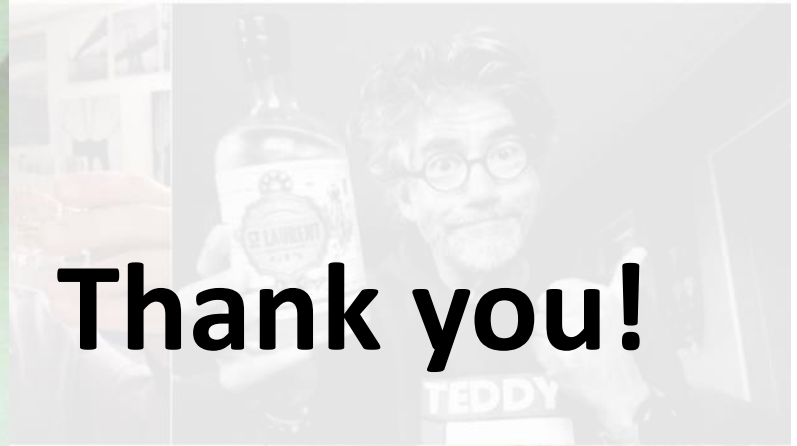
Frederic Chautard, GANIL
Chair of the LOC

Master of Organization and Style.
Never giving up...

Bringing IPAC'20 Online



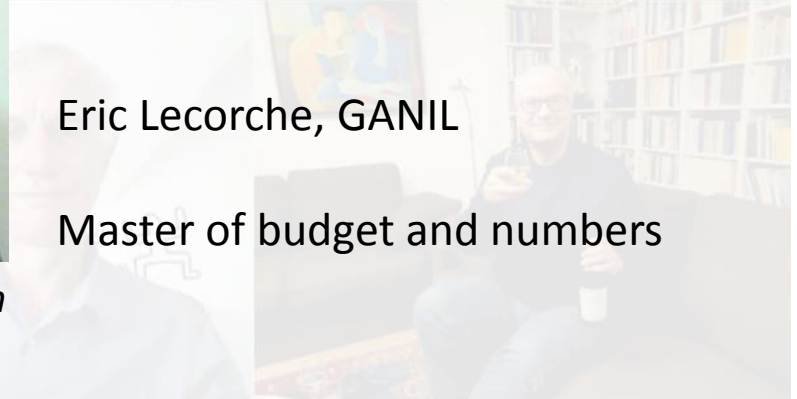
“a glass of “Pommeau”, which is also a specialty from Normandy. It’s a (secret !) mix of Calvados and apple juice for the aperitif time.”



Thank you!

Eric Lecorche, GANIL

Master of budget and numbers





“Bon c’est pas local, ça vient de Rimouski au Quebec !!”

Thank you!

Laurent Fortin, GANIL

Implementing the machinery of
the virtual format in record time

Bringing IPAC'20 Online



"Instead of Calvados it's white wine for me



Thank you!

Adeline Jeanne, GANIL

Working miracles as Scientific Secretary of IPAC'20 – making it all possible. Nerves of steel!

Bringing IPAC'20 Online



"Instead of Calvados it's white wine for me



MERCI!

Adeline Jeanne, GANIL

Working miracles as Scientific Secretary of IPAC'20 – making it all possible. Nerves of steel!

Bringing IPAC'20 Online



“Yes, good idea in these tough times!”

Thank you!

Mike Seidel, PSI

Guiding it all through good and tough times with German precision and Swiss calm...



Thanks to all

IPAC will be back in Europe in 2023 in Venice, Italy!

