Dear Colleagues,

On behalf of the Local Organizing Committee and the Facility for Rare Isotope Beams (FRIB) laboratory, I want to cordially invite you to attend the 24th Workshop on ECR Ion Sources (ECRIS’20) that will be held from September 27th to October 1st, 2020 in East Lansing, Michigan, USA. The last time the ECRIS workshop was held in East Lansing was in 1987. Since that time so much progress in ECR ion source performance has been achieved but still much remains to be understood about the physics underlying these devices. This time will also coincide with an important milestone of our laboratory marked by the end of the coupled cyclotron operation in order to prepare for a new era of using a high-intensity ECR ion source for injection into a high power superconducting heavy ion linac.

The Workshop is a good opportunity to learn about exciting new projects and development in the field of ECR Ion Sources and their related Science & Technology. It is also an opportunity for younger scientists to be involved and learn about this field.

The venue will be at the FRIB Laboratory on the beautiful campus of Michigan State University and the workshop will include a tour of the laboratory including FRIB. We hope that this meeting will be an opportunity for fruitful and inspiring scientific discussions.

Looking forward to meeting you at ECRIS’20

The ECR workshop will be followed by the North American Charge Breeders (NACB) workshop starting on Friday, October 2nd and finishing Saturday, October 3rd also held within the FRIB laboratory. More details on NACB will be available from the ECRIS Website.

Please forward the information to your colleagues potentially interested in the Workshop Topics.

**Workshop Program**

The ECRIS 2020 program will cover fundamental topics of Electron Cyclotron Resonance Ion source and related science and technology including:

- New development and status reports
- New concepts and next generation
- Fundamental process and plasma studies
- ECR based charge breeders
- Radioactive ion beams
- Applications and diagnostics
- Beam extraction and transport
- Source modeling
Proceedings will be part of the Accelerator Conferences Website (JACoW), http://www.jacow.org/.

Workshop Schedule

Important dates:

- Registration open: February 15th, 2020
- Abstract submission deadline: May 29, 2020
- Early Registration deadline: June 8, 2020
- Final program available: September 1, 2020
- Proceedings manuscript deadline: October 1st, 2020

The registration fee will be announced on the registration webpage, which will be available on the FRIB INDICO in February 2020. We strongly encourage participants to register early in particular those who may need invitation letters for a visa application.

Guillaume Machicoane (ECRIS’20 Chairman)

for the Organizing Committee:
Alain Lapierre
Haitao Ren
Antonio Villari