



IPAC'20 | CAEN IT

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Aim of the IT

- Took into account from JACoW and Melbourne recommendations
- I.T is the backbone of the conference
- Provide a 'plug and play' environment for everyone
- Stable and powerful environment will provide good perception IPAC'20

Proceeding Office & Cyber Café

- 23 AIO PC computers and 2 backup computers
 - 5 Imac
 - 30 Gigabit wired connections
 - Data will be saved on another computer
- Cyber café
- 4 PC, 2 IMAC and 10 free seats

Proceeding Office

➤ PC hardware:

- Intel Core 8th I7-8700
- Windows 10 pro x64, English
- 8 GB DDR4
- SSD 256 GB
- Radeon R5, 2GB
- 27" 2560 x 1440 resolution

Proceeding Office

➤ Mac hardware:

- Intel Core 8th i7 at 4,2 GHz
- Mac OSX Mojave
- 8 GB DDR4
- SSD 256 GB
- Radeon Pro 575 4GB
- 27" 5K

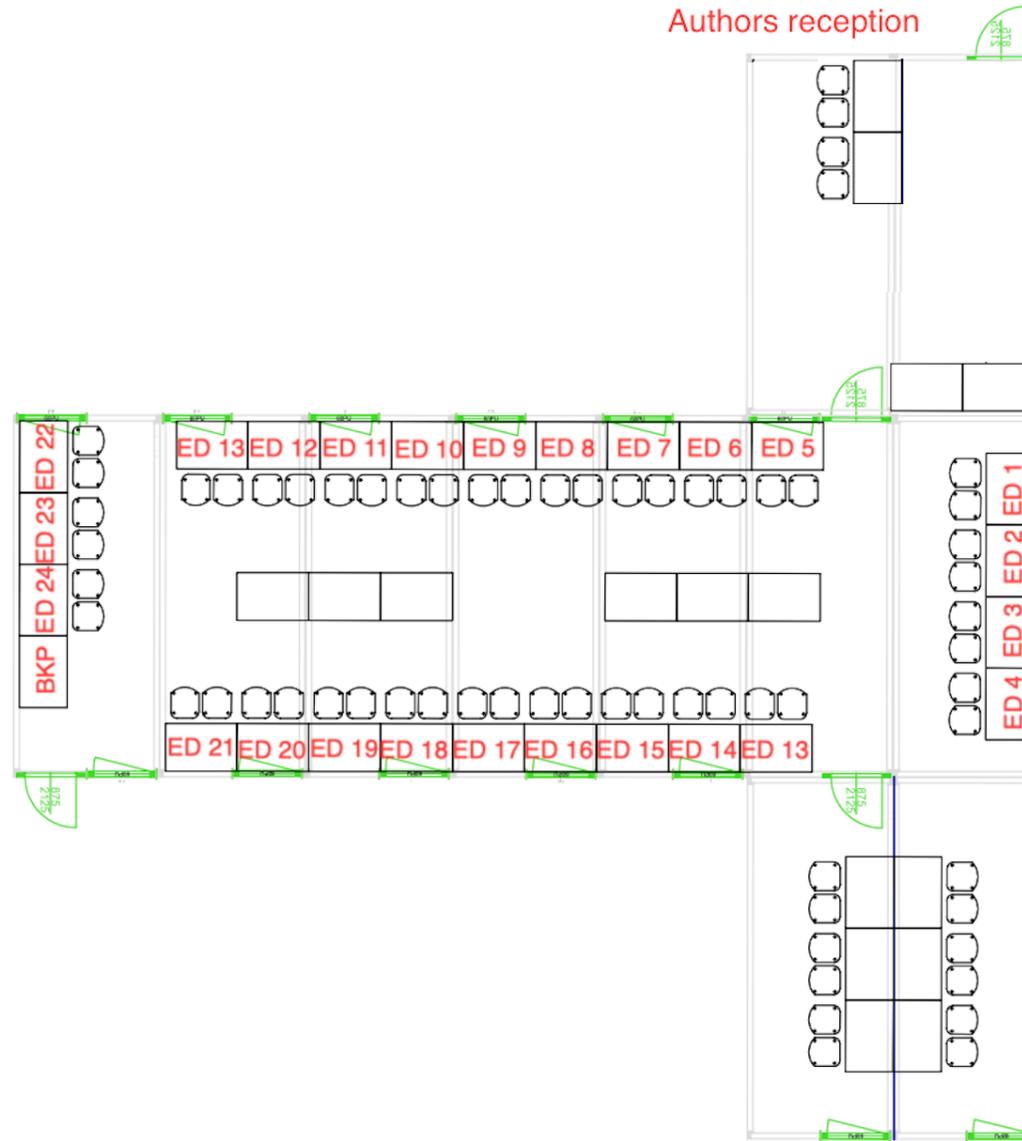
Proceeding Office

- 1 computer of each configuration will be rent 2 months before IPAC20
- All computers will be rent for 3 weeks
- All computers will have the last update
- All computer OS will be in French !! (ok, maybe in English)
- AZERTY keyboard for every one !! (ok, maybe QWERTY)
- 2 HP Color Printers M653dn
- Softwares will be installed as Jacow website recomandations

Proceeding Office: Softwares

- Windows 10 Professional x64 (licenced)
- Office 2019 Professional x64 (licenced)
- LibreOffice 6
- Acrobat Professional (licenced)
- PitStop Pro (Trial mode)
- Notepad++, WinEdit
- Edge, Chrome, Firefox
- 7ZIP
- IrfanView, GIMP, Paint.NET
- VLC, VirtualDub, K-Lite Codecs
- MikTex
- TeXStudio
- Texmaker
- Antivirus
- PS Printer Driver

Editors Office



Conference Room

➤ Conference room (800):

- 1 main screen (6,3 m x 3,6 m) with 10.000 lumens projector
- 2 screens (4,4 m x 2,6 m) on each side with 5.000 lumens projector
- 2 * 32'' feedback screens
- 2 telecommands (Logi SPOTLIGHT ?)
- 2 laptops (1 Windows & 1 Mac)
- 8 Wireless microphones (4 for questions & 4 for speakers)

Conference Room

➤ Conference room (1300):

- 1 main screen (6,3 m x 3,6 m) with 15.000 lumens projector
- 2 screens (6,3 m x 3,6 m) on each side with 15.000 lumens projector
- 2 * 32'' feedback screens
- 2 telecommands (Logi SPOTLIGHT ?)
- 2 laptops (1 Windows & 1 Mac)
- 10 Wireless microphones (6 for questions & 4 for speakers)

Conference Room

- 1 Windows laptop for backup (same software and hardware configuration)
- 1 Mac for backup (same software and hardware configuration)
- IT and staff provided by the conference site

Speaker Ready

- 2 PC for 'Speaker Preparation' room with same configuration
- 2 mac for 'Speaker Preparation' room with same configuration
- Presentation will be checked and pushed to conference room using Windows Share

Additional Support Hardware

- Floating pool of Laptop (3) and MacBook Pro (3)
- 3 Projectors for satellite meetings
- Radios for organisers
- Multifunction printer at the welcome office
- 6 iPads for poster police

Networks

- 1GB synchronous and unlimited usage, separate in 3 VLAN :
 - Network “JACoW” : guaranty bandwidth 2/6, connexion with ‘wireless key’
 - Network “Exhibitors” : guaranty bandwidth 1/6, connexion with ‘wireless key’
 - Network “IPAC” : guaranty bandwidth 3/6, connexion with user and password

Networks

- Available everywhere in the conference site
- Users will be able to connect up to 3 devices
- 3000 simultaneous connections (2000 by hall)
- And just 'if' : 1 backup connection (100MB) with another company

Conclusion

- Everything will be double checked
- Backup for everything
- Powerful computers
- Separate network
- 1GB Connexion with backup connexion

Thanks

- To Melbourne editors for your kindness and your help!
- And to the JACoW team!

11TH INTERNATIONAL PARTICLE ACCELERATOR CONFERENCE

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

*Looking forward to
see you in Caen !*

