

Welcome!

David Britton
ACAT IAC Chair

*20th International Workshop on Advanced Computing
and Analysis Techniques in Physics Research*

ACAT 2021

AI Decoded:

**Towards Sustainable, Diverse, Performant
and Effective Scientific Computing**

**29 NOV
03 DEC
2021**

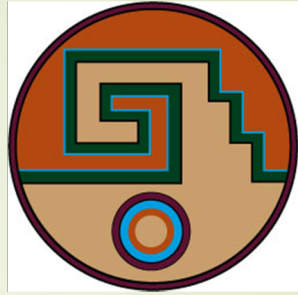
**Daejeon,
Republic of Korea**

Virtual and IBS Science Culture Center



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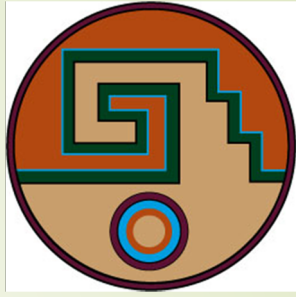
A long road to ACAT 2021



1	AIHENP 1990	Lyon (France)	Mar. 1990
2	AIHENP 1992	La Londe Les Maures (France)	Jan. 1992
3	AIHENP 1993	Oberammergau (Germany)	Oct. 1993
4	AIHENP 1995	Pisa (Italy)	Apr. 1995
5	AIHENP 1996	Lausanne (EPFL-UNIL) (Switzerland)	Sep. 1996
6	AIHENP 1999	Heraklion (Crete, Greece)	Apr. 1999
7	ACAT 2000	Chicago (FERMILAB) (USA)	Oct. 2000
8	ACAT 2002	Moscow (MSU)(Russia)	Jun. 2002
9	ACAT 2003	Tsukuba (KEK) (Japan)	Dec. 2003
10	ACAT 2005	Zeuthen (DESY) (Germany)	May. 2005
11	ACAT 2007	Amsterdam (NIKHEF) (The Netherlands)	Apr. 2007
12	ACAT 2008	Erice (Italy)	Nov. 2008
13	ACAT 2010	Jaipur (India)	Feb. 2010
14	ACAT 2011	Uxbridge (UK)	Sep. 2011
15	ACAT 2013	Beijing (China)	May. 2013
16	ACAT 2014	Prague (Czech Republic)	Sep. 2014
17	ACAT 2016	Valparaiso (Chile)	Jan. 2016
18	ACAT 2017	Seattle (USA)	Aug. 2017
19	ACAT 2019	Saas Fee (Switzerland)	Mar. 2019
20	ACAT 2021	Republic of Korea [POSTPONED from Sep 2020]	Nov. 2020



ACAT 2021



International Advisory Committee

Andrej Arbuzov, Pushpalatha Bhat, David Britton, Gang Chen
Bruce Denby, Latifa Elouadrhir, Junpei Fujimoto, Maria Girone
Gudrun Heinrich, Andrei Kataev, Alexander Kryukov, Jerome Lauret
Milos Lokajicek, Daniel Maitre, Axel Naumann, Fons Rademakers,
Grigory Rubtsov, Luis Salinas, Liliana Teodorescu,
Gordon T. Watts, Monique Werlen

Local Organizing Committee

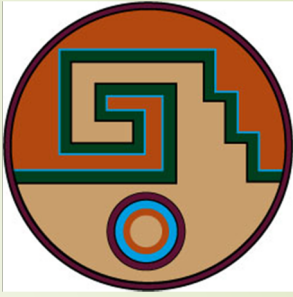
Chairs : Soonwook Hwang, Doris Kim
Sanghyeon Chang, Kihyeon Cho, Junghwan Goh
Insik Hahn, Youngman Kim, Chang-Seong Moon
Soonkeon Nam, John J. Oh, Myeonghun Park, Sunny Seo
Jinhee Yoon, SungWoo Youn, Intae Yu

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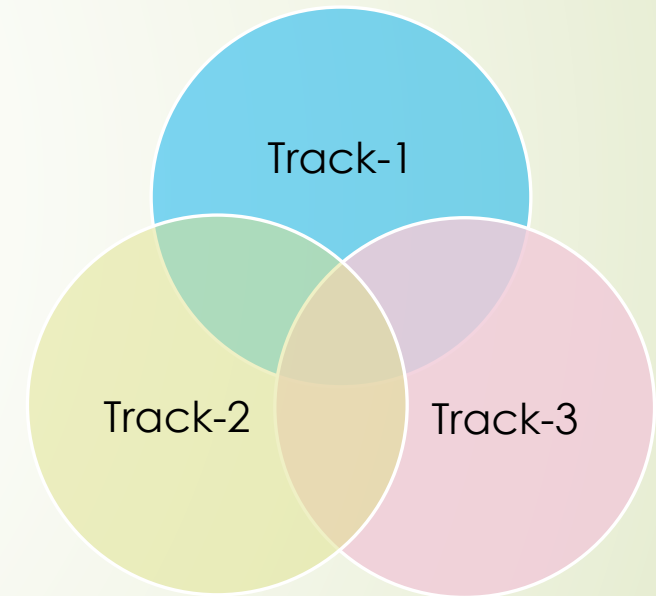
Scientific Programme Committee

Title	Person	Institute
SPC Chair	Axel Naumann	CERN
SPC-W	Yasemin Altinbilek	CERN
T1 Conveners	Gordon T. Watts Chang-Seong Moon Patricia Mendez Marilena Bandieramonte	University of Washington Kyungpook National University CERN University of Pittsburgh
T2 Conveners	Liliana Teodorescu Junghwan Goh Erica Brondolin Jennifer Ngadiuba	Brunel University London Kyung Hee University CERN Fermilab
T3 Conveners	Daniel Maitre Myeonghun Park Andrey Pikelner Maria Ubiali	Durham University Seoultech JINR University of Cambridge



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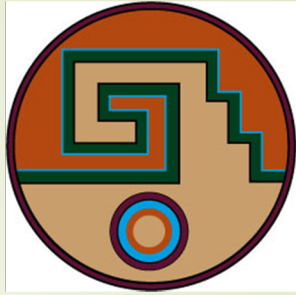
- **Exciting programme of invited plenary talks**
- **Three parallel tracks:**
 - **Track 1: Computing Technology for Physics Research**
 - **Track 2: Data Analysis - Algorithms and Tools**
 - **Track 3: Computations in Theoretical Physics: Techniques and Methods**
- **Poster Sessions – Gather Town**





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- With challenges come opportunities...
- **How to preserve the “Workshop” feel in the virtual environment?**
 - **Mattermost channel – please use it to facilitate discussions**
 - **Gather town poster sessions – please participate**
 - **Opportunity to try something different.**
- **500 + registrations – opportunities for wider reach / better inclusivity**
- **Time zones**
- **Number of submissions (236) vs number of slots (73)**



But we will still miss...
The people, places
and culture



ACAT 2019 Saas Fee



Originally posted to Flickr by Sous Chef Photos



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- ▶ Indico: <https://indico.cern.ch/event/855454/>
- ▶ Timetable: <https://indico.cern.ch/event/855454/timetable/#all.detailed>
- ▶ Code of Conduct: <https://indico.cern.ch/event/855454/page/18631-acat-workshop-code-of-conduct>
- ▶ Sign up for Mattermost (instructions sent via email).
- ▶ 어서 오십시오 to ACAT 2021