



CGEM operations at IHEP

Ilaria

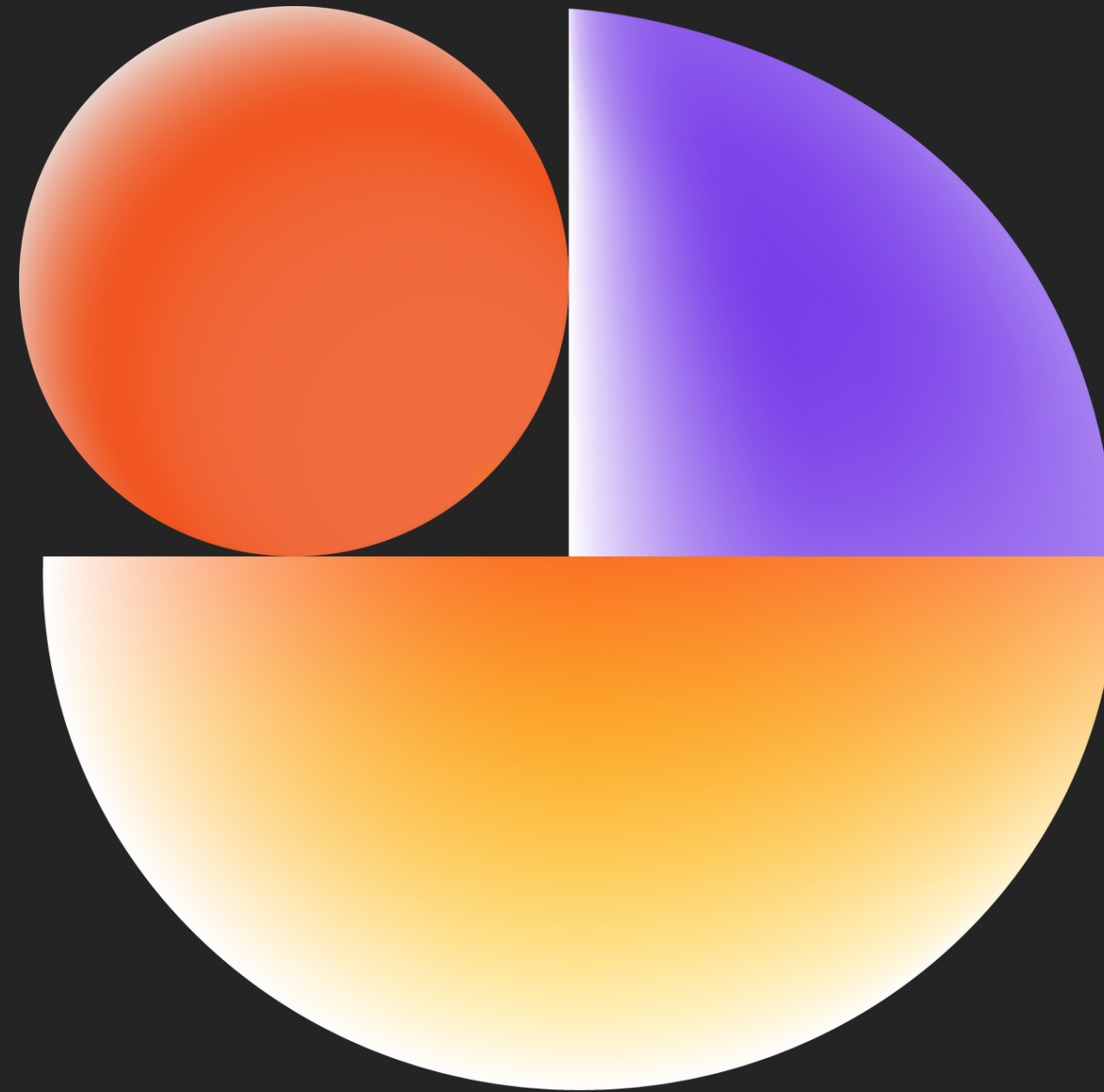
on behalf of the working group

BESIII ITALIA

SEPT 2022

TORINO

▶ Status



▶ Plans

GOALS Keep the detectors on as much as possible

Shift schedule to overcome the missing interlock system

-> thanks to LV/HV experts and Shifters

Regular power on of the detectors

-> now three times per week

Last long power-on on April 13th, 2022

Last check power-on on June 29th, 2022

-> due to high T&H in the CR



L1: Everything as usual

L2: The instability on G1 sector 5 is still there

The instability noticed on IND seems to be solved  (yesterday)

On-site maintenance
to allow off-site safe
operations

- Computer communications
- Gas bottles changes
- Chiller cleaning
- Conditioning system

-> MANY THANKS to
Qun, Mingyi and Jing



Future operations

- ▶ Regularly power on the detectors
- ▶ Run Stability Tests

**AS SOON AS
T&H ARE OK**

- ▶ Check the chiller pump - turn it on at first
- ▶ Change the GEMROC's firmware - to update the system

**AS SOON AS
THE SITUATION IS
MORE STABLE**

- ▶ Checks on detector's HV instability
- ▶ CGEM-IT Moving

**AS SOON AS
WE CAN TRAVEL
BACK TO BEIJING**

THANKS

