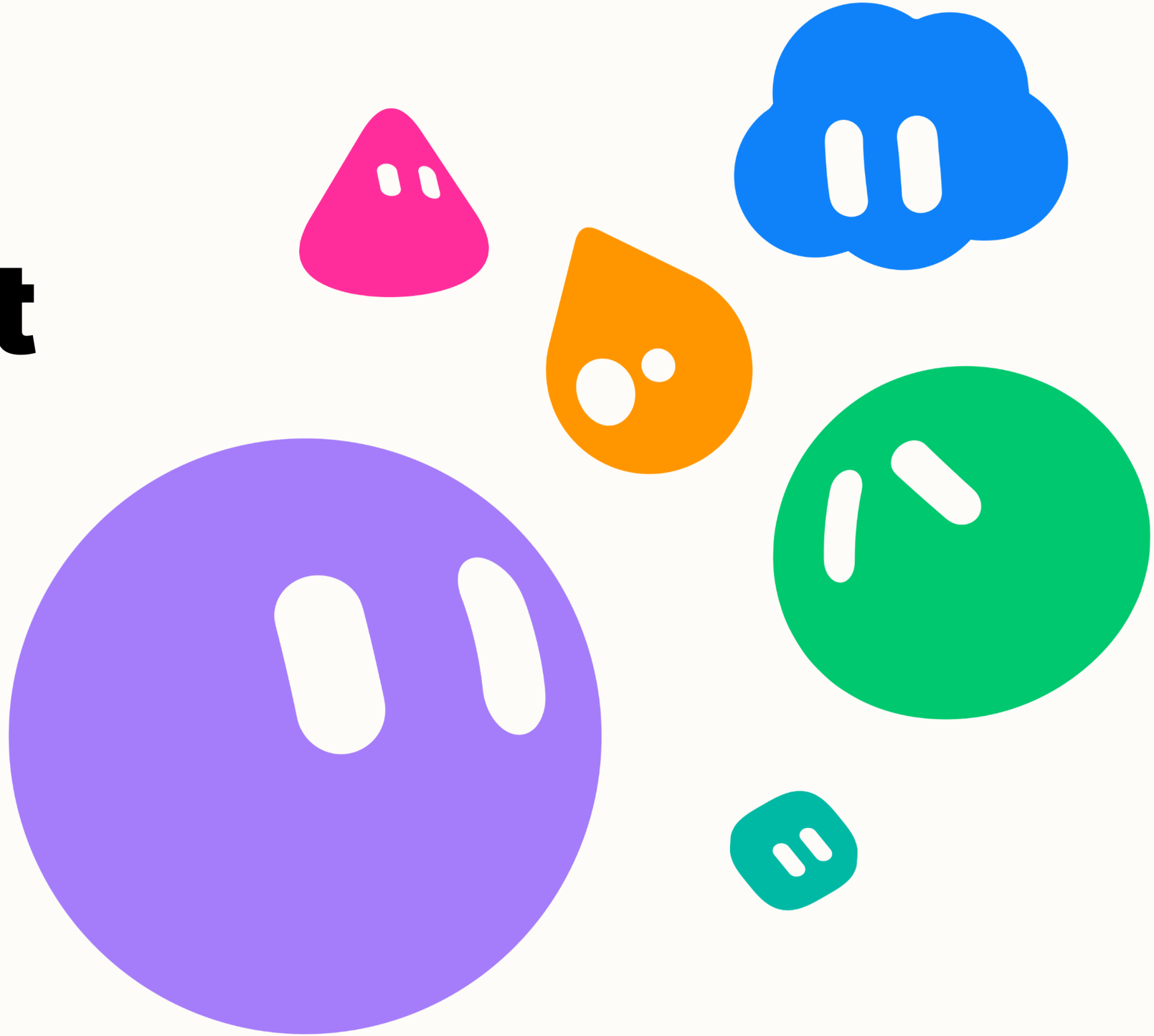
Grok Bot

Participant Handbook

SpaceXSI Macau Community Hackathon

12–14 November 2026 · Macau Tower



SPACEX
MACAU COMMUNITY

OVERVIEW

Event at a glance

3 days

12–14 November

~90

OPC 30
Physical AI (public) 30
Physical AI (students) 30

5–6

members per team

1 MVP

present your MVP
on Demo Day

Macau Tower Convention & Entertainment Centre, 2F

Free of charge

Grok Bot and Cursor only

English, with Cantonese and Mandarin support

Organised by SpaceXSI Macau · Arrangements may be adjusted; final details are announced on the day and in the WeChat group.

Grok Bot

TRACKS

Two tracks

TRACK 01 · OPC

One Person Company

Build a company or product from scratch with Grok Bot within three days.

Tools	Grok Bot (core) and Cursor (coding)
Experience	No coding experience required
Laptop	Windows or Mac, both fine
Deliverables	A working prototype, a defined target user and a simple business model

TRACK 02 · PHYSICAL AI

Robot arms and 3D printing

Build any physical project with robot arms and 3D printing.

Hardware	Five SO-101 robot arms and 3D printers, provided by the organiser
Tools	MakerMods Lab (control and training), Cursor (custom code), Grok Bot (planning and design)
Requirements	Basic programming; Mac or Linux laptop (Windows not supported)
Deliverables	A physical prototype demonstrated live

Each participant may join one track only. Track changes are not permitted unless a place becomes available.

Grok Bot

BEFORE THE EVENT

Before 12 November

1 **Confirm attendance**
on the Luma event page

2 **Download Grok Bot**
no advance payment is required

3 **Install Cursor**
sign in before the event

4 **Join the WeChat group**
all updates are announced there

5 **Prepare an idea and your skills**
“I want to help ___ solve ___.”

WHAT TO BRING

- Laptop and charger (required; OPC: Windows or Mac both fine)
- UK three-pin plug adapter
- Earphones and a reusable water bottle
- Physical AI: Mac or Linux laptop only (Windows not supported), long hair tied back, closed-toe shoes
- Physical AI: personal hardware is not recommended; register in advance if required

AI credit: at least US$30 per participant for Grok Bot and Cursor (tentative).

RUNDOWN · DAY 1

TENTATIVE

Thursday 12 November

Opening and team formation

TIME	SESSION
09:00–09:30	Check-in (present your Luma QR code)
09:30–10:30	Opening
10:30–11:00	Ice-breaking by track (no computers)
11:10–12:15	Physical AI workshop (includes the safety briefing) OPC: networking and idea preparation
12:15–14:00	Lunch break
14:00–14:30	Physical AI: team formation and registration OPC: networking, idea preparation and tool set-up
14:30–15:30	OPC workshop: Grok Bot 101
15:30–16:00	Networking and idea preparation
16:00–17:00	OPC workshop (technical)
17:00–18:00	OPC: team formation and registration



Day 1 · Team formation

Day 3 · Demo Day

Attendance on all three days is expected. Day 1 team formation and Day 3 Demo Day are mandatory.

Grok Bot

RUNDOWN · DAY 2 AND DAY 3

TENTATIVE

Build, then present

Friday 13 November · Workshops and development

10:00–10:15	OPC: lucky draw for the Day 3 demo order
10:15–10:30	Physical AI: lucky draw for the Day 3 demo order
10:30–12:15	Development
10:45–11:45	OPC workshop (business)
12:15–14:00	Lunch break
13:45–15:15	Physical AI workshop (on site)
17:30–18:00	Day 3 briefing

Workshop details will be announced on the day. All other time is for development.

Saturday 14 November · Demo Day

10:00–11:45	Final development
11:45	**Submission deadline**
12:00–13:00	Testing in draw order, 5 minutes per team (please have lunch before 12:00)
13:45–14:00	Physical AI: safety check
14:00–14:50	Physical AI presentations and judging: 5-minute demo and 3 minutes of questions
15:00–15:50	OPC presentations and judging: 5-minute demo and 3 minutes of questions
16:00–16:30	Awards and group photo
16:30–18:00	Hardware return and clean-up

Grok Bot

DAY 1 · 14:00 / 17:00

Team formation

Participants register individually and form teams on site.

1



Meet

After the 10:30 ice-breaker, exchange contacts with people you would like to team up with.

2



Form teams

Physical AI 14:00, OPC 17:00. Teams of 5–6; mentors help.

3



Register

Scan the QR code to submit the team name, members and a one-line project idea (Physical AI by 14:30, OPC by 18:00).

4



Assign roles

Suggested roles: product, design, development (or hardware) and pitch.

Individual participants are welcome

Friends may join the same team

Solo entries are not accepted

Team changes require staff approval

Grok Bot

RULES

Competition rules

Projects

- Development begins after team formation on Day 1.
- Ideas and tool practice are fine beforehand.
- Open-source code, public APIs, Marketplace bots and public 3D models are allowed; list all sources.
- No existing projects. We check each project’s records (GitHub commits, Grok Bot chats, file dates) to confirm it was created from 12 November.

AI tools

- Only Grok Bot and Cursor may be used. Other AI tools are not permitted.
- During the demo, teams must show how the tools contributed to the project.

MVP

- Focus on one core feature that works in a demo.
- On Day 1, record what will be built, what will not be built and the definition of done.

Account security

- Do not paste passwords into bot conversations; use Take over to sign in manually.
- Actions such as sending, paying or deleting require human approval.
- Do not upload API keys to public repositories.

SUBMISSION AND DEMO

Submission and Demo Day

WHAT TO SUBMIT

1. Team name and members
2. Project name and a one-line description
3. Demo materials in any format: slides, video or a link
4. Optional: source code, photos or a list of tools used

11:45 AM

Day 3 submission deadline

DEMO FORMAT

- A 5-minute demo, then 3 minutes of questions.
- Overtime: 15-second grace, then a flat 10-point deduction.
- Each team decides who presents.
- Projects run on the organiser’s computer; bring a laptop as backup.
- If a live demo fails, play the backup video.

Late submissions will not be judged. The submission method will be announced on the day.

Grok Bot

JUDGING

How projects are judged

The full criteria will be explained at the Day 1 opening.

1

User need

Who the users are and whether the need is real (Physical AI: real-world value)

2

Execution

Whether the product works live

3

AI integration

What Grok Bot and Cursor contributed

4

Business model

OPC only: who pays and whether revenue covers cost

- Each criterion answers one question; the same evidence is not counted twice.
- Presentation and teamwork are not scored separately. For Physical AI, safety is a pass/fail gate.
- Judges give each criterion a score using a guide (Developing, Good, Excellent); the scores add up to 100.

Grok Bot

JUDGING · TRACK 01

OPC scoring

Total: 100 points

CRITERION	WEIGHT	WHAT JUDGES ASSESS	AN EXCELLENT SCORE LOOKS LIKE
User need	**30**	Who the users are and whether the need is real	Target users interviewed; evidence confirms the need is real
Business model	**30**	Who pays and whether revenue covers cost	Users state they would pay the price or have pre-ordered; revenue is shown to cover cost
Execution	**25**	Whether the product works	Judges can try it live; the core flow is complete with no gaps
AI integration	**15**	What the bot does in building and operating the product	The bot takes over ongoing operations (e.g. auto-replies, scheduling), replacing manual work

JUDGING · TRACK 02

Physical AI scoring

Safety gate, then 100 points

SAFETY GATE · PASS / FAIL

Before each demo, the on-site safety officer checks that no hands are inside the working area, the emergency stop is clear and assigned to one person, and speed and force are limited. Teams that do not pass present with the backup video, and “Execution” is capped at 18 of 45 points.

CRITERION	WEIGHT	WHAT JUDGES ASSESS	AN EXCELLENT SCORE LOOKS LIKE
Execution	**45**	Whether the arm completes the task reliably on site	Three consecutive successful runs with no human intervention
AI integration	**30**	Whether the arm is trained, rather than remote-controlled or replaying motions	A model trained with MakerMods Lab, with vision, voice or custom 3D printed parts, adapting to different situations
Real-world value	**25**	Whether the use case is real	Matches a real setting (e.g. restaurants, assistance, education) and quantifies the time or labour saved

JUDGING

Common rules

Common rules

- Submissions after 11:45 on Day 3 are not judged.
- Existing projects and AI tools other than Grok Bot and Cursor are not permitted.
- Demos stop at the time limit; overtime (after a 15-second grace) costs a flat 10 points.
- Rankings use the judges' average score; ties go to the higher "Execution" score.

SAFETY · PHYSICAL AI

Safety rules

MANDATORY Participants who have not attended the Day 1 safety briefing may not operate the robot arms or 3D printers.

Robot arms

- Keep hands out of the safety zone while an arm is running.
- One person must stand by the emergency stop during every run.
- Test new programs at low speed before increasing it.
- Tie back long hair; avoid loose sleeves and long necklaces.
- Do not disassemble, modify or remove organiser hardware.
- Normal wear requires no compensation; deliberate damage or safety breaches do.
- Hardware is used by booking; details are announced on site.

3D printers

- Nozzles and print beds are hot; do not touch them.
- Use only materials provided by the organiser.
- Staff manage the print queue. Split large parts and estimate print time first.

Power and batteries

- Do not daisy-chain power strips.
- Do not leave lithium batteries charging unattended. Report any heat or swelling to staff immediately.

Grok Bot

VENUE AND LOGISTICS

Venue and logistics

Macau Tower Convention & Entertainment Centre, 2F Exhibition Hall

09:00–18:00

Day 1 check-in from 09:00; Days 2 and 3 from 10:00

No overnight stay

No accommodation is provided; teams may continue elsewhere after 18:00

Transport

A transport guide (PDF) will be issued soon

Food

Snacks are provided; lunch break 12:15–14:00 (self-arranged); food only in designated areas

Wi-Fi

Provided on site; a mobile hotspot is recommended as a backup

Belongings

Take personal items home each day; hand lost items to the check-in desk

No smoking

Smoking is prohibited; keep walkways clear

Assistance

Contact the check-in desk, any staff member or the WeChat group

CONDUCT AND RIGHTS

Code of conduct, IP and media

Code of conduct

- Respect all participants, staff, judges and sponsors.
- Harassment, discrimination, bullying or personal attacks are not tolerated, including in online groups.
- Plagiarism and interference with other teams' work or hardware are prohibited.
- Projects must not involve illegal content, gambling, pornography or privacy violations.
- Report misconduct to staff immediately. The organiser may issue warnings, disqualify participants or ask them to leave.

IP, privacy and media

- Projects belong to the participating team; ownership within the team is agreed by its members.
- The organiser and sponsors may use project names, descriptions, photos and videos for promotion, crediting the team.
- Organiser hardware must be returned before the event ends.
- Use dummy data in demos; do not collect or publish personal data without consent.
- Photos and videos will be taken throughout the event; participation constitutes consent.
- The organiser is not responsible for the loss of or damage to personal belongings.

FAQ

Frequently asked questions

No coding experience?

OPC requires no coding experience. Physical AI requires basic programming skills.

Is there a fee?

No. Participation is free of charge.

Existing projects?

Not accepted. All projects must be built from scratch during the event.

On the waitlist?

The waitlist will be updated next week. Please watch for notifications.

Switching tracks?

Not permitted at this stage, unless a place becomes available.

Further questions?

Please ask in the event WeChat group.

Grok Bot

SPACEXSI MACAU COMMUNITY HACKATHON 2026

See you at Macau Tower

12 November 2026 · Macau Tower Convention & Entertainment Centre, 2F · Check-in from 09:00

EVENT PAGE

luma.com/spacexai-macau-hackathlon-nov

SPACEX
MACAU COMMUNITY

Grok Bot