CNES at the 2019 International Paris Air Show

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For the 53rd International Paris Air Show at Le Bourget (SIAE 2019) opening on Monday 17 June, CNES will be showcasing France’s space activities as it does for every edition of the event in its pavilion and chalet, in front of the Musée de l’Air et de l’Espace, at the foot of the Ariane 5 mock-up.

A ‘retro-futuristic’ pavilion

Four six-metre-high LED screens and mock-ups of the Prometheus engine, the MicroCarb satellite and Ariane 6’s ELA4 launch pad will beckon visitors to enter CNES’s pavilion.

A series of modules will show the latest innovations in miniaturization, standardization and digitization of satellites, and the latest launch base developments at the Guiana Space Centre. Satellite applications in the fields of Earth observation, telecommunications, defence and space exploration will also be on display. A final module focused on international cooperation will give the German aerospace centre DLR the chance to present joint efforts being pursued in partnership by France and Germany. Each module will evoke a ‘retro-futuristic’ spacecraft with screens, panels and models presenting current and future projects and concepts.

In the centre of the pavilion, a holographic display showing the face of Arthur C. Clarke, the author of 2001: a Space Odyssey, will present the vision of the future imagined by this historic figure of the 1960s and 70s, a fairly accurate prediction of what we see today. Lastly, a Zero-Gravity module will enable visitors to take a photo of themselves giving the illusion of being in weightlessness aboard a space station.

Events to watch out for

- **Monday 17 June**
  - 11:45 – Visit of President Emmanuel Macron to the CNES pavilion: launch of the Space Climate Observatory with space agency representatives | CNES Pavilion
  - 11:45 – Signing of international cooperation agreements | CNES Chalet
  - 14:00 – Presentation of Mars rock to Thomas Pesquet | CNES Pavilion
  - 14:25 – Visit of the Minister for the Ecological and Inclusive Transition, François de Rugy, to the CNES Pavilion | CNES Pavilion
  - 14:30 – Signing of a cooperation agreement on launcher expertise, Earth observation data, NewSpace and nanosatellites with Portugal Space | CNES Chalet
  - 14:30 – Presentation of Global Space, the international rendezvous of the space community | CNES Chalet

- **Tuesday 18 June**
  - 09:00 – Agreement on CFOSat with CNSA and Eumetsat | CNES Chalet
  - 10:00 – Roundtable on space exploration with space agency representatives | CNES Chalet (media advisory attached, accreditation required)
  - 11:45 – Signature of an agreement with the Occitanie Regional Council to develop regional space applications | CNES Chalet
  - 15:00 – CNES-DLR roundtable on mobility | CNES Chalet
15:15 – Ceremony announcing winners of the Generation ISS competition with Frédérique Vidal, Minister for Higher Education, Research and Innovation, and Thomas Pesquet | CNES Pavilion
15:45 – Presentation of Kineis | CNES Chalet (media advisory attached)

Wednesday 19 June
12:30 – Signing of an agreement with the Grand-Est Regional Council to develop regional space applications | CNES Chalet
15:30 – Launch of ActInSpace international hackathon | CNES Chalet
16:10 – Visit of Amelie de Montchalin, Secretary of State with responsibility for European Affairs, to the CNES Pavilion | CNES Pavilion

Thursday 20 June
15:15 – Signing of partnership agreement with COFREX concerning CNES’s presence in the France Pavilion at Dubai World Expo 2020 | CNES Chalet
15:30 – Launch of ActInSpace national hackathon | CNES Chalet

Friday 21 June
16:20 – Visit of Jean-Michel Blanquer, Minister for Education and Youth, to the CNES Pavilion | CNES Pavilion

Programme of conferences with experts, scientists, project leaders and engineers

Monday 17 June – Inside space exploration
  14:30 – InSight: taking the pulse of Mars
  14:45 – The Moon, Mars and beyond
  15:15 – Comparing exploration of Mars and asteroids
  15:45 – What the dinosaurs didn’t know
  16:15 – Mars sample return

Tuesday 18 June – Space applications and defence
  10:00 – GNSS benefiting rail transport and agriculture
  11:00 – CSO: military eyes in the sky
  11:45 – ‘Let’s meet Space Start-ups’ pitches
  13:30 – Spacecraft engineering and technologies
  15:45 – Kineis: French NewSpace meets the Internet of Things
  16:15 – Universal access to healthcare everywhere

Wednesday 19 June – Inside science
  10:00 – Space boosting innovations in healthcare
  10:45 – Taranis: beyond lightning
  11:30 – Biomimetics applied to space
  12:15 – InSight: taking the pulse of Mars
  13:45 – ‘Let’s meet Space Start-ups’ pitches
  15:00 – BepiColombo: en route to Mercury
  15:45 – Connecting with gravitational waves

Thursday 20 June – French Guiana and launcher innovations
  10:00 – The Guiana Space Centre and ELA4
  11:00 – Callisto and Prometheus
  12:00 – ‘Let’s meet Space Start-ups’ pitches
  15:00 – Launchers of the future

Friday 21 June – Earth observation and Climate
  10:00 – The Space Climate Observatory
  10:45 – MERLIN watching out for methane
  11:45 – ‘Let’s meet Space Start-ups’ pitches
  13:45 – ‘Let’s meet Space Start-ups’ pitches
  15:00 – Perseus: making the future happen
  15:30 – BepiColombo: en route to Mercury

Saturday 22 June – Public open day
  10:30 – Exoplanets
  11:00 – Exoplanets
  11h30 – Connecting with gravitational waves
  11h45 – InSight: taking the pulse of Mars
12h00 – BepiColombo: en route to Mercury
12h15 – Connecting with gravitational waves
12h30 – InSight: taking the pulse of Mars
12h45 – BepiColombo: en route to Mercury
13h00 – Connecting with gravitational waves
14h30 – Exoplanets
15h15 – Exoplanets
15h45 – InSight: taking the pulse of Mars
16h00 – Kineis: French NewSpace meets the Internet of Things

Sunday 23 June – Public open day
10h30 – Kineis: French NewSpace meets the Internet of Things
11h00 – Latest human spaceflight news
11h30 – Exploring Mercury to gain new insights into Earth
11h45 – InSight: taking the pulse of Mars
12h00 – InSight: taking the pulse of Mars
12h30 – InSight: taking the pulse of Mars
12h45 – InSight: taking the pulse of Mars
13h15 – Kineis: French NewSpace meets the Internet of Things
13h30 – Latest human spaceflight news
15h45 – InSight: taking the pulse of Mars
16h00 – InSight: taking the pulse of Mars

Accreditations and enquiries

Accreditations for Paris Air Show: https://siaepresse.mybadgeonline.com/presse
Accreditations for CNES events: cnes-presse@cnes.fr