



Information and registration:

## **ESA visit to the Norwegian Space Centre January 23 2019**

**When:** January 23rd 09.45-14.00

**Where:** Norwegian Space Centre, Drammensveien 165, Oslo

The European Space Agency (ESA) has big plans for the robotic and human exploration of the Moon and Mars in the next decade.

ESA's director of Human and Robotic Exploration, David Parker, and his team are visiting Norway to tell us about ESA's activities. They will also talk about how Norwegian industry and institutes can take part and win contracts through ESA, in this big international cooperation that will bring humans to the Moon and Mars.

In this context, ESA will present their exploration programme [E3P](#), which includes:

- Rocket technology
- Sensors
- Mechanisms
- AI
- AR/VR
- Power generation
- Communication
- Autonomy
- Robotics
- Operations
- Astronaut activities
- ... and more

They will also explain how Norwegian activities and competencies fit into the bigger picture.

So far, Norway has been participating at a rather low level in this program. The Norwegian Space Centre is proposing that Norway increase our participation in robotic and human exploration from 2020. In this meeting ESA and participants from Norwegian industry and institutes will have the chance to get to know each other and spar about opportunities, plans and spin-in/off potential with other fields and thus lay the basis for an increase of exploration-related activities in this field in Norway.

### **Preliminary Programme:**

#### **0945-1015:**

- Registration

#### **1015-1400:**

- ESA presentation of E3P Programme
- Presentation by 2 Norwegian entities about their work with ESA exploration activities
- Presentation from Norwegian Space Centre about Norwegian vision

**Sign up by email** within January 15th to: [spacecentre@spacecentre.no](mailto:spacecentre@spacecentre.no) - and mark it with «E3P industry»

The Norwegian Space Centre will **also host an ESA research workshop** related to the exploration of the ISS, the Moon and Mars this same day, from 1400-1600.

**For more info**, please visit [www.romsenter.no](http://www.romsenter.no)

**For questions, contact:**

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