



FAI Awards for Astronautics 2016 Nomination Form

(one form per nomination)

Name of the Award:

- Y. A. Gagarin Gold Medal (By-Law 7.9.1)
- V. M. Komarov Diploma (By-Law 7.9.2)
- Korolev Diploma (By-Law 7.9.3)
- Odyssey Diploma (By-Law 7.9.4)

Submitted by:

NAC Royal Aero Club of Great Britain

Name Anu Ojha.....

Position / Function Presdient, ICARE

Date 29th February 2016.....

Signature and stamp

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Nomination for:

Name Gennadi Ivanovich PADALKA

Birthdate June 21st 1958.....

E-mail address

Reasons for nomination (maximum 250 words, English only)

On 17th September 2015 Russian cosmonaut Gennadi Padalka returned to Earth as a member of the crew of ISS Expedition 44 on-board the spacecraft Soyuz TMA-16M. Upon doing so he completed his fifth mission into space and has accumulated more time in space than any other human in history – a total of 878 days 11h 31 mins (FAI ratification pending). Colonel Padalka was selected as a cosmonaut in 1989 having graduated from Yeysk Military Aviation Institute as a pilot-engineer in 1979. In 1998 he made his first flight into space to the Mir space station when he spent just under 200 days in orbit. After this flight he made four subsequent journeys into space, each time as Commander of an International Space Station mission and during his spaceflight career he has participated in 10 EVAs (“extravehicular activities”, or “spacewalks”) totaling 38 hours and 37 minutes. Colonel Padalka has exceeded Sergai Krikalev’s previous total spaceflight duration record of 803 days and is hoping to become the first human to spend more than 1000 days in space – this may be possible as Colonel Padalka is still an active cosmonaut and eligible for future flight assignments on long-duration space missions.

If humans are ever to travel to other planets in the Solar System then it is essential that we understand the cumulative effect of multiple long-duration spaceflights on the human body.



Colonel Padalka has provided valuable data in understanding these effects and has also become the human being with the greatest time differential between his internal body clock and the body clocks of humans on earth due to the effects of Einstein's theory of special relativity – from his perspective, he has travelled into Earth's future by 0.022 seconds!

For setting this milestone space duration record Colonel Padalka has accomplished one of the greatest achievements in human spaceflight and is highly deserving of the Yuri A Gagarin Gold Medal.