

## **Report of Commission F2 “Exoplanets and the Solar System”, 2022**

The disciplines covered by this Commission have been growing rapidly. As a consequence, our membership has increased to 423.

Exoplanets have attracted considerable attention, and the public has wanted popular names for some of their favored planets. The IAU has responded with two public naming campaigns, organized by the WG Exoplanets for the Public. Both campaigns were well-received by the public, but the exoplanet scientists in general have not adopted public names in the research literature. To facilitate future efforts on this topic, at the request of Division F and Commission F2, the WG Exoplanets for the Public has been dissolved and replaced by a more broadly chartered Functional WG Exoplanetary System Nomenclature under Division F.

IAU Symposium 370: Winds of Stars and Exoplanets and other conferences endorsed by Comm. F2 have been postponed from 2021 to 2022 due to the coronavirus pandemic.

Commission President Jack Lissauer and Past President Alain Lecavelier des Etangs (and president of the WG Exoplanets for the Public), have written an article explaining the new working definition of an exoplanet that was adopted by the members of the Commission in 2018. This article was accepted for publication in the journal *New Astronomy Reviews* in early 2022.

Jack Lissauer Commission F2 President

## **Report of Division F “Planetary Systems and Astrobiology” 2022**

### **Commission F2 “Exoplanets and the Solar System”**

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### **Commission F2 “Exoplanets and the Solar System”**

Due to the coronavirus lockdown of the institutional office of the Comm. President, he was not able to have access to his records and he could not produce a full report.

On behalf of the OC of Comm. F2, the President sent several letters of endorsement for Symposia proposals for 2021.

Commission President Jack Lissauer and Past President Alain Lecavelier des Etangs (and president of the WG Exoplanets for the Public), are currently in the process of writing an article explaining the new working definition of an exoplanet that was adopted by the members of the Commission in 2018.

Jack Lissauer Commission F2 President