

MONTHLY NEWSLETTER



INAF Osservatorio Astrofisico di Arcetri

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HIGHLIGHTS

Ariel updates

The kick-off meeting of the [ARIEL](#) pPDR (Payload Preliminary Design Review) was held on September, 22nd. For the pPDR the Ariel Mission Consortium (AMC) produced more than 180 documents delivered to ESA, with an important contribution from the Ariel Team at INAF-OAA working on the Payload. The AMC received back from the Review Panels 246 RIDs (Review Item Discrepancy) to be answered by 24/10. AMC is already working on RIDs addressing, taking advance of the Ariel Consortium Meeting held in Bologna on 10-12th, October.



INAF-OAA Ariel team:

Technology: A. Brucalassi, D. Ferruzzi, N. Sanna, M. Xompero, V. Noce, R. Nesti, P. Bolli, A. Lorenzani, C. Del Vecchio, G. Falcini, L. Carbonaro, M.V. Nunez and M. Focardi and A. Tozzi being the local coordinators at payload level and for the ICU (Instrument Control Unit) and FGS/DCU (Fine Guidance Sensor / Detector Control Unit) subsystems and Telescope Assembly (TA) respectively.

Science: A. Brucalassi, C. Codella, D. Fedele, M. Focardi, A. Garufi, L. Magrini, L. Podio, G. Sacco, N. Sanna, M. Tsantaki, M. Van der Swaelmen.

PLATO updates

The PLATO ICU EQM (Engineering Qualification Model) Manufacturing Readiness Review (MRR) has been successfully held on October, 5th with ESA, DLR and PMC (PLATO Mission Consortium). This important milestone provides the “green light” for the ICU qualification model manufacturing, whose electrical and environmental test campaigns are preliminary to the following flight mode (FM) manufacturing, whose delivery to PMC and ESA is expected at the beginning of January, 2024.



INAF-OAA PLATO team:

M. Focardi, M.V. Nunez, A. Chiarucci

EDITOR: Rossella Spiga INAF-OAA

ufficio-comunicazione.oaa@inaf.it | rossella.spiga@inaf.it

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JWST Transiting Exoplanet Community Early Release Science Team including **L. Pino**

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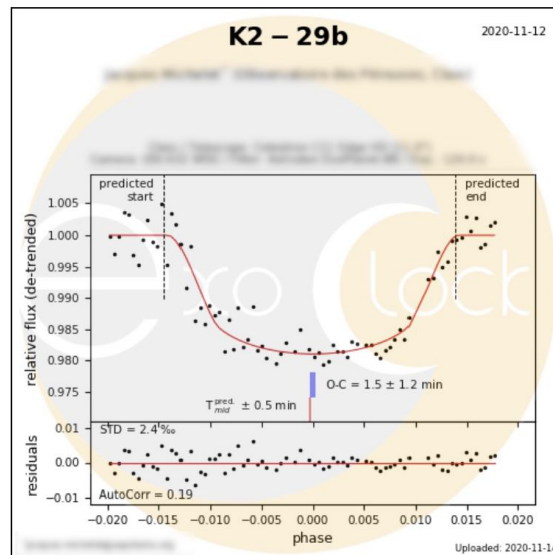
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Example of scientific data produced by amateur astronomers. Credit: ExoClock

PROCEEDINGS

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C. Del Vecchio, L. Carbonaro, A. Brucalassi, A. Tozzi, [...], E. Pace, [...], M. Focardi et al.

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