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C4Or1B-02: [Invited] NASA Cryogenic Fluid Management Portfolio Project –Overview and 2024-2025 Highlights

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The Cryogenic Fluid Management (CFM) Portfolio Project (CFMPP) was established by NASA in 2021 to achieve the primary goal of closing CFM technology gaps essential to NASA's future missions in science and exploration. The office is comprised of Marshall Space Flight Center as the lead, with key support from Glenn Research Center and other NASA Centers. The CFMPP office organization, portfolios of development activities, and stakeholder engagements will be summarized. Highlights from office accomplishments in 2024–2025 will be reviewed. Progress towards defining future development roadmaps and new technology development activities will be summarized.

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