

MMS Team

MMS Leadership

Title/Role	Name	Institution
MMS Science Principal Investigator	Dr. James Burch	SWRI
MMS Science Deputy Principal Investigator	Dr. Kevin Genestreti	UNH, SWRI
MMS Program Scientist	Dr. Galen Fowler	NASA HQ
MMS Project Scientist	Dr. Guan Le	NASA GSFC
MMS Project Scientist	Dr. Barbara Giles	NASA GSFC, retired
MMS Project Scientist, Emeritus	Dr. Thomas Moore	NASA GSFC, retired
MMS Deputy Project Scientist	TBD	NASA GSFC

MMS Instrument Lead Co-Is:

FIELDS Lead Co-I: Prof. R. B. Torbert, U New Hampshire

- **Fluxgate Magnetometers (FGM)** Lead Co-I: Prof. C. T. Russell, UCLA
- **Axial Double Probes (ADP)** and Burst Data System Lead Co-I: Prof. R. E. Ergun, LASP/U. Colorado
- **Spin-plane Double Probes (SDP)** Lead Co-I: Dr. P.-A. Lindqvist, KTH Stockholm
- **Search Coil Magnetometer (SCM)** Lead Co-I: Dr. O. Le Contel, LPP, France
- **Electron Drift Instrument (EDI)** Lead Co-I: Dr. R. B. Torbert, U. New Hampshire

Fast Plasma Investigation (FPI) Lead Co-I, Phase E: Dr. Daniel Gershman, NASA GSFC, (2020)

- (Fast Plasma Investigation Lead Co-I, Phase E: Dr. B. L. Giles, NASA GSFC, 2015-2020)
- (Fast Plasma Investigation Lead Co-I, Phase C-D: Dr. C. J. Pollock, NASA GSFC, retired)
- (Fast Plasma Investigation Lead Co-I, Phase A-B: Dr. T. E. Moore, NASA GSFC, retired)

Hot Plasma Composition Analyzer (HPCA) and Orbit Design Lead Co-I, Phase D-E: Dr. S. A. Fuselier, SwRI

- (Hot Plasma Composition Lead Co-I, Phase A-C: Dr. D. T. Young, SwRI, retired)

Energetic Particles Detector (EPD) Lead Co-I: Dr. Ian Cohen, JHU/APL (2019)

- (Energetic Particles Detector Lead Co-I, Phase A-E: Dr. Barry Mauk, JHU/APL, retired)

Active Spacecraft Potential Control Devices (ASPOC) Lead Co-I, Phase E: Dr. R. Nakamura, IWF (2009)

- (ASPOC Lead Co-I, Phase A-D: Dr. K. Torkar, IWF, retired)

Science Operations Center (SOC) Lead Co-I: Dr. D. N. Baker / LASP, CU Boulder

Theory and Modeling Team (TMT) Lead Co-I: Dr. M. Hesse / NASA GSFC

MMS Science Co-Is

Dr. N. Ahmadi, LASP, (Fields) (2018)
Dr. B. Anderson, JHU/APL (Magnetic Cleanliness)
Dr. M. André, IRFU (SDP)
Dr. U. Auster, TUBS (DFG)
 Dr. L. Avakov, NASA GSFC (FPI) (2018)
Dr. W. Baumjohann, IWF Graz (EDI)
Dr. J. Birn, LANL (TMT)
Dr. B. Blake, Aerospace (EPD/FEEPS)
 Dr. Li-Jen Chen, GSFC (FPI, TMT) (2018)
Dr. J. Clemmons, Aerospace (EPD/FEEPS)
Dr. A. J. Coates, MSSL (FPI/DES)
 Dr. I. Cohen, JHU/APL (EPD) (2018)
Dr. R. Denton, Dartmouth (TMT)
Dr. J. Drake, U. MD (TMT)
 Dr. A. Ericksson, IRFU (SDP)
 Dr. S. Ericksson, LASP (SDP) (2018)
 Dr. J. Fennell, Aerospace (EPD/FEEPS) (2018)
 Dr. H. Funsten, LANL (HPCA)
 Dr. C. Gabrielse, Aerospace (EPD/FEEPS) (2023)
 Dr. K. Genestreti, UNH/SwRI (Fields) (2018)
 Dr. D. Gershman, NASA GSFC (FPI) (2018)
 Dr. K.-H. Glassmeier, TUBS (DFG)
 Prof. M. V. Goldman, U. Colorado (IDS)
 Dr. T. Gombosi, U. Mich. (TMT)
 Dr. R. Gomez, SwRI (HPCA) (2018)
Dr. M. Grande, RAL/TBD (EPD/FEEPS)
Dr. G. Haerendel, MPI Garching (TMT) (ret.)
Dr. M. Hoshino, U. Tokyo (TMT)
Dr. C. Kletzing, U Iowa (EDI)
 Dr. B. Lavraud, IRAP (FPI) (2018)
Dr. S. Livi, SwRI (EPD/EIS)
 Dr. W. Magnes, IWF, Graz (FGM) - (DFG) (2009)
Dr. G. Marklund, KTH Stockholm (SDP)
Dr. W. Matthaeus, Bartol, U. Del. (TMT)
Dr. D. J. McComas, SwRI (Calibration)
Dr. T. Mukai, ISAS, Tokyo (FPI/DIS, retired)
Dr. G. Paschmann, ISSI (EDI) (ret.)
 Dr. W. Paterson, NASA GSFC (FPI) - (2010)
 Dr. S. Petrinec, LMATC (HPCA and Orbit Design) (2018)
 Dr. T. Phan, U. Calif. Berkeley (SITL) (2018)
 Dr. F. Plaschke, IWF Graz (FGM) (2018)
Dr. G. Reeves, LANL (EPD)
Dr. P. Reiff, Rice U. (EPO)
Dr. A. Roux, CETP (SCM, deceased)
Dr. J. Quinn (EDI, retired)
Dr. Y. Saito, ISAS (FPI/DIS)
Dr. J.-A. Sauvaud, IRAP, Toulouse (FPI) (2009)
Dr. D. Sibeck, GSFC (TMT)
Dr. J. Slavin, GSFC, UMich (AFG)
Dr. H. Spence, UNH (EPD)

 Dr. R. Strangeway, UCLA (FGM) (2023)
Dr. M. Steller, IWF, Graz (EDI) - (2009)
Dr. K.-H. Trattner, U. Colorado (HPCA)
 Dr. D. Turner, JHU/APL (EPD/FEEPS) (2018)
Dr. P. Valek, SWRI (Calibration) (2010)

Dr. Hanying Wei, UCLA (FGM) (2023)
 Dr. F. Wilder, LASP (Fields) (2018)
Dr. S. Yokota, ISAS, Tokyo (FPI) (2010)

*All are original to proposal team except as noted with nomination year; those in bold are "official" as acknowledged by NASA

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Dr. J. Shuster, NASA GSFC (FPI)
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Interdisciplinary Science Team Leads

Prof. M. V. Goldman, U. Colorado
Dr. T. Phan, U. Calif. Berkeley
Dr. Melvyn L. Goldstein, NASA GSFC (retired)
Prof. M. Ashour-Abdalla, Univ. Calif. in Los Angeles (deceased)

MMS Mission Operations Members

Jim Clapsadle, GSFC/NASA – Mission Director
Chris Riley, KBR – Mission Operations Supervisor
Carl Phillips, KBR – Mission Operations Lead
Nick Padgett, KBR – Real-Time Operations Engineer
Alex Peljovich, KBR – Real-Time Operations Engineer
Calvin Dobrin, KBR – Real-Time Operations Engineer
Grace Jackson, KBR – Real-Time Operations Engineer
Steve Payne, KBR – Mission Planner
Lauren Hancox, KBR – Mission Planner

MMS Flight Dynamics Operations Members

Trevor Williams, GSFC/NASA – FDOA Lead
Neil Ottenstein, a.i. solutions, inc. – Mission Operations Lead
Babak Vint, a.i. solutions, inc. – Attitude Ground System Lead
Eric Palmer, GSFC/NASA – FDGSS Lead
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