

## MST FOR AEROSPACE IN EADS

### THE M1 MICRO-EXPLORER PROJECT

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#### OUTLINE

- EADS CRC MICROSYSTEMS CAPACITIES
- M1 PROJECT PLAN
- REQUIREMENTS ANALYSIS
- COTS MEMS REVIEW
- PROCUREMENT AND TESTING
- MICRO-EXPLORER DESIGN
- DEMONSTRATORS
  - I- $\mu$ P MkI
  - I- $\mu$ P MkII
  - Atmospheric  $\mu$ P
  - Platform integration
- ESA SPACE APPLICATIONS
- FURTHER WORK

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#### The EADS Corporate Research Programme

- EADS recognises synergy between the R&D activities of the Business Units.
- EADS actively encourages BUs collaboration in R&D through Corporate Research Programmes
- The activity reported here is one such CRP.
- Business Units participating to this CRP "M1":
  - MBDA Marie-France Ravat, Michel Boubal
  - EADS-LV Oudea Coumar
  - Sodern Isabelle Lefevre
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#### EADS CRC MICROSYSTEMS ACTIVITIES



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