

*Airbone New and Advanced Satellite techniques and technologies
in A System Integrated Approach*

**ANASTASIA
TU Braunschweig / IFF (D)
presentation**

**5th April 2005
ENAC, TOULOUSE**

ANASTASIA Kick-Off Meeting

Technische Universität Braunschweig (TU BS)

- **Nationality, location:**
 - **Germany: Braunschweig**

- **Type of entity : Higher Education**

- **Field of activities for Institut für Flugführung (IFF):**
 - **Precision positioning (GNSS + augmentation, INS, integrated systems)**
 - **Flight Simulation (HMI, wake vortices, ...)**
 - **Flight Testing (sensor technology and data acquisition with 2 smaller research a/c
e.g. high precision air data, meteorological measurements,
airborne gravimetry, proof-of-concept trials, ...)**
 - **Air Traffic Management (planned)**

- **Involvement in other relevant European projects:**
 - **GIFT (GNSS Inertial Future Landing Techniques): FP5, 2002-2005**
 - **various national projects & industry co-operations**



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- **Involvement in ANASTASIA :**
 - Leader of WP3.4 'Flight Test Activities', WP3.1.2, WP5.2.3, WP5.2.6
 - Involved in several WPs in SPs 3 & 5
 - Two main areas in Navigation:
 - MEMS sensors hybridisation with GNSS
 - Flight test support (specification & design of test platform and reference systems, performance evaluation)

- **Expectations from ANASTASIA :**
 - Improved competence in *low-cost* high precision navigation, larger scale flight tests

- **People attending the meeting:**
 - T Bauer (IFF project leader)

