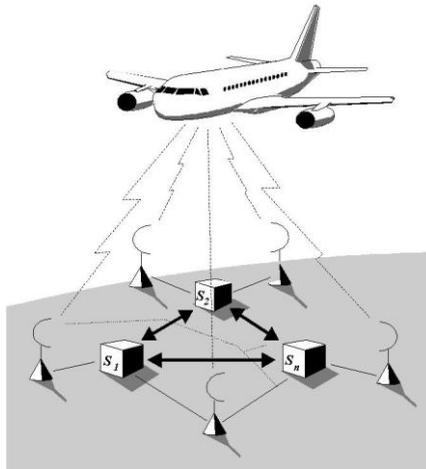


WORK PACKAGE:

**Real-time Data Processing
in Adaptive Sensor Interfaces**

<http://saturn.acad.bg/bis/signal/signal2.htm>



Objectives:

- Exchange of knowledge and expertise
- Solution of challenging problems
- Enhancement of research capabilities
- Education and training

Methodology:

- Research co-operation
- Visits exchange
- Conference organization

Actions:

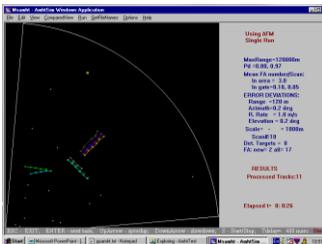
- Study of advanced sensor's interfaces
- Design of new methods and algorithms
- Development of software libraries
- Results dissemination

Partners:

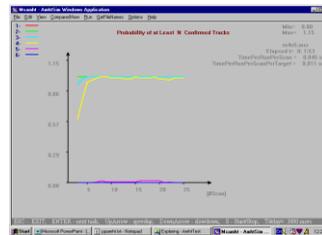
- Leuven Katholieke Universiteit, Belgium;
- University of Bristol, UK;
- University of New Orleans, US;
- ONERA, France

Deliverables:

- Modern education
- Information center and Web site
- International conference
- Advanced algorithms and software

**Multiple Target Tracking**

- Data Association
- Boot Satrap Estimation
- Stochastic Sampling
- Tracking in Clutter

**Situation Assessment**

- Paradoxical Reasoning
- Fuzzy Modeling
- Tendency Estimation
- Active Sensing