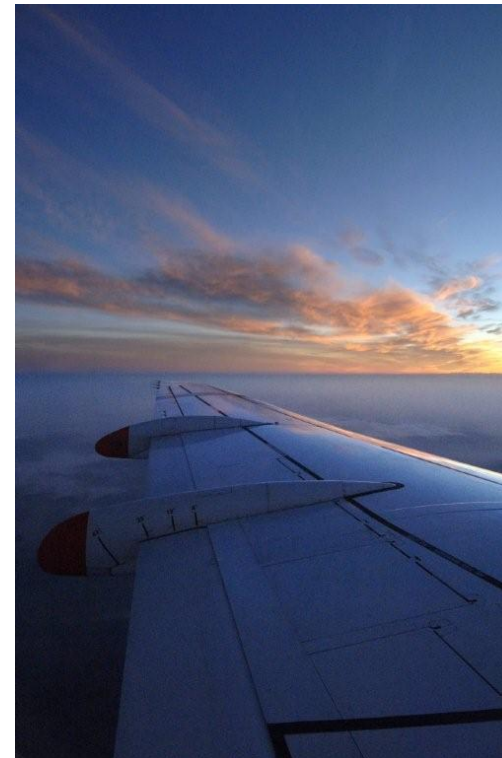


PLATO-N is an EU project within the 6th Framework Programme (Aeronautics) with 10 industrial and academic partners. The project started on October 1st 2006 and runs for a period of three years. PLATO-N aims to overcome the limitations of current state-of-the-art topology optimization tools in order to enable integration of optimization assistance into the conceptual design process of the European aerospace industry. The following operational parameters, performance criteria and novel features are targeted:

- A reduction of turn-around time for practical solutions
- An increase of manageable problem size.
- Consideration of composite materials and post-processing tailored to exploit composite material features.
- Extension to multidisciplinary design criteria.

The PLATO-N consortium consists of 10 partners.

- Technical University of Denmark, Denmark
- Technion – Israel Institute of Technology, Israel
- University of Birmingham, United Kingdom
- Friedrich-Alexander Universität Erlangen-Nürnberg, Germany
- Universität Bayreuth, Germany
- Altair Engineering, Ltd., United Kingdom
- RISC Software GmbH, Austria
- EADS Deutschland GmbH, Germany
- Airbus UK, Ltd., United Kingdom
- Eurocopter Deutschland GmbH, Germany



PLATO-N is an EU project within the 6th Framework Programme (Aeronautics). PLATO-N aims at enabling the operational integration of optimization assistance as a standard procedure in the conceptual design process for the European aerospace industry.

The PLATO-N project invites all interested parties to the PLATO-N International Workshop

## Advances in Topology and Material Optimization — Methods and Industrial Applications

23—25 September, 2009  
Technical University of Denmark  
Denmark

[www.plato-n.org](http://www.plato-n.org)

The PLATO-N International Workshop

**Advances in Topology and Material Optimization –  
Methods and Industrial Applications**

On behalf of the EU funded research project PLATO-N we are pleased to announce the international workshop Advances in Topology and Material Optimization – Methods and Industrial Applications. The workshop will be held at the Lyngby campus of the Technical University of Denmark (DTU) which is located 15 km north of Copenhagen city center. The workshop will be held on 23 – 25 September, 2009.

We hereby invite all researchers and practitioners interested in topology and material optimization and optimization methods to participate in the workshop.

The topics of the workshop are

- Topology optimization and Free Material Optimization
- Composite optimization
- Structural optimization
- Methods and algorithms
- Optimization software
- Material science and interpretations
- Industrial applications

The workshop is organized in a single session with one plenary lecture per day followed by contributed overhead presentations. On Wednesday afternoon a long poster session is planned together with the welcome reception.

The tentative programme of the workshop is given below.

	September 23	September 24	September 25
08.30 – 09.30	Registration		
09.30 – 10.30	Plenary	Plenary	Plenary
10.30 – 11.00	Coffee break	Coffee break	Coffee break
11.00 – 12.20	Presentations	Presentations	Presentations
12.20 – 13.30	Lunch	Lunch	Lunch
13.30 – 14.30	Presentations	Presentations	
14.30 – 15.30	Presentations	Presentations	
15.30 – 16.00	Coffee break	Coffee break	
16.00 – 18.00	Poster session Reception	Presentations	
19.00 –		Dinner	

- Registration and abstract submission from May 1, 2009.
- The abstract submission deadline is July 31, 2009.
- The registration payment deadline is July 31, 2009.
- The workshop dates are September 23 – 25, 2009.

Registration, abstract submission, and hotel bookings are done on the workshop homepage [www.plato-n.org](http://www.plato-n.org).

**Picture on the front page.** Photo: Colourbox