

# Vega Maiden Flight CubeSat Workshop

22 – 24 January 2008

ESTEC, room: Newton 1 and Newton 2

## Tuesday, 22 January

Chair: F. Emma

09.30 – 09.45 Welcome, organisational details

09.45 – 10.10 Overview of ESA Education Office activities (F. Emma)

10.10 – 10.50 The role of CubeSats in education (R. Twiggs)

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10.50 – 11.10 Coffee break

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11.10 – 11.50 The CubeSat flight opportunity on the Vega Maiden Flight  
(B. Geffroy)

11.50 – 12.20 The LAres RELativity Satellite (LARES) (A. Paolozzi & G. Sindoni)

12.20 – 12.45 From UniSat to CubeSat at the University of Rome (F. Graziani)

12.45 – 13.10 A CubeSat from the Politecnico di Torino (S. Chiesa)

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13.10 – 14.00 Lunch break

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14.00 – 14.25 ‘AtmoCube’ from the University of Trieste (A. Gregorio)

14.25 – 14.50 ‘SwissCube’ from the École Polytechnique Fédérale de Lausanne  
(EPFL) (M. Noca)

14.50 – 15.15 ‘TIsat-1’ from the University of Applied Sciences of Southern  
Switzerland (SUPSI) (P. Ceppi)

15.15 – 15.40 ‘OPTOS’ from INTA and plans for a CubeSat at the University of  
Vigo (C. Martinez Fernández)

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15.40 – 16.00 Coffee break

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16.00 – 16.30 Interview with the Rome team

16.30 – 17.00 Interview with the Torino team

17.00 – 17.30 Interview with the Trieste team

17.30 – 18.00 Interview with the Lausanne team

18.00 – 18.30 Interview with the Lugano Team

18.30 – 19.00 Interview with the INTA/Vigo team

19.00 Buffet dinner in the ESTEC restaurant

## Wednesday, 23 January

Chair: R. Walker

- 09.00 – 09.30 The Global Educational Network for Satellite Operations (GENSO)  
(H. Page)
- 09.30 – 10.00 Prospects for future technology developments and CubeSat networks  
(K. Briess)
- 10.00 – 10.25 ‘Beesat’ from the Technical University of Berlin (H. Kayal)
- 10.25 – 10.50 ‘UWE-2’ and ‘UWE-3’ from the University of Würzburg  
(M. Schmidt)
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- 10.50 – 11.00 Coffee break
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- 11.00 – 11.25 ‘Compass-1’ and ‘Compass-2’ from the Aachen University of  
Applied Sciences (E. Plescher)
- 11.25 – 11.50 ‘MOVE’ from the Technical University of Munich (M. Czech)
- 11.50 – 12.15 ‘SOMP’ from the Technical University of Dresden (S. Ernst)
- 12.15 – 12.40 ‘HeidelSat’ from the Fachhochschule Heidelberg (A. Gottscheber)
- 12.40 – 13.05 ‘Sallesat’ from the University La Salle Bonanova, Barcelona  
(J. Arribas)
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- 13.05 – 14.00 Lunch break
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- 14.00 – 14.25 ‘PalmSat’ from the University of Surrey (V. Lappas)
- 14.25 – 14.50 ‘Albert’ from Imperial College London (C.M. Carr)
- 14.50 – 15.15 ‘Robusta’ from the University of Montpellier (L. Dusseau)
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- 15.15 – 15.30 Coffee break
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- 15.30 – 16.00 Interview with the Berlin team
- 16.00 – 16.30 Interview with the Würzburg team
- 16.30 – 17.00 Interview with the Aachen team
- 17.00 – 17.30 Interview with the Munich team
- 17.30 – 18.00 Interview with the Dresden team
- 18.00 – 18.30 Interview with the Heidelberg team
- 18.30 – 19.00 Interview with the Barcelona team
- 19.00 – 19.30 Interview with the Surrey team
- 19.30 – 20.00 Interview with the London team
- 20.00 – 20.30 Interview with the Montpellier team

## Thursday, 24 January

Chair: H. Page

09.00 – 09.30 The Kayser-Threde Auxiliary Payload (KAP) Carrier as a recurrent flight opportunity for launching Cubesats (G. Pont)

09.30 – 10.00 Overview of picosatellite deployers (A. Bonnema)

10.00 – 10.30 Scientific perspectives for picosatellites (K. Schilling)

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10.30 – 10.50 Coffee break

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10.50 – 11.15 'AAUSat-II' and 'AAUSat-III' from Aalborg University (J.F. Dalsgaard Nielsen)

11.15 – 11.40 'DTUSat-2' from the Technical University of Denmark (R.W. Fléron)

11.40 – 12.05 'HINCube' from the University College of Narvik (F. Vedal)

12.05 – 12.30 'LEODIUM' from the University of Liège (S. Galli)

12.30 – 12.55 'PW-Sat' from the Warsaw University of Technology (A. Kotarski)

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12.55 – 14.00 Lunch break

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14.00 – 14.25 Plans for the development of a CubeSat at the University of Patras (A. Baltopoulos)

14.25 – 14.50 'Goliat' from the University of Bucharest (M. Balan)

14.50 – 15.15 'Delfi-C3' and plans for the next CubeSat from the Delft University of Technology (J. Bouwmeester)

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15.15 – 15.30 Coffee break

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15.30 – 16.00 Interview with the Aalborg team

16.00 – 16.30 Interview with the Copenhagen team

16.30 – 17.00 Interview with the Narvik team

17.00 – 17.30 Interview with the Liège team

17.30 – 18.00 Interview with the Warsaw team

18.00 – 18.30 Interview with the Patras team

18.30 – 19.00 Interview with the Bucharest team

19.00 – 19.30 Interview with the Delft team