

# 4th NL Gravity Symposium

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Eindhoven University of Technology (TU/e)  
Dept. Applied Physics  
Elementary Processes in Gas discharges (EPG)

17 May 2009



Jack van Loon, DESC @ ACTA,  
Vrije Universiteit, Amsterdam

# NL Symposia

Platform to inform NL user community on gravity (astrobiology) related research possibilities and results.

1<sup>st</sup> : January 1999

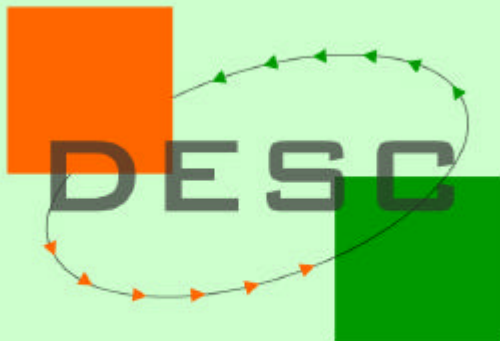
2<sup>nd</sup> : May 2001

3<sup>rd</sup> : December 2004 (DELTA)

4<sup>th</sup> : May 2006

# DESC site Science results

- conference abstracts
- papers
- acad. theses
- others



These pages are currently (aanstijg) in English.  
In de nabije toekomst zullen meer delen van deze site ook in het Nederlands worden verzorgd.

- Introduction
- Gravité
- Micro-Gravité Research
- Ground Facilities
- Lab. Facilities
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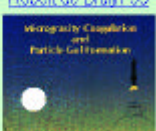



any (micro-) gravity science related materials (DELTA mission)

THE DUTCH EXPERIMENT SUPPORT CENTER

Academic Thesis

These pages provide a list of academic thesis in the field of gravitational life sciences (biology / physiology), astrobiology, physical sciences or closely related disciplines that have emerged from Dutch universities or other research institutes.

Click on cover pictures for additional info / contents

# SCIENCE IN EUROPEAN SOYUZ MISSIONS TO THE INTERNATIONAL SPACE STATION



Toledo (Spain),  
27th-30th June, 2006



[www.elgra.org/Toledo](http://www.elgra.org/Toledo)

Early registration:  
18 May 2006



# 4<sup>th</sup> NL Gravity Symposium

09:00 - 10:20 Welcome / coffee

10:25 - 10:30 Introduction, G. Doeglas (NIVR), J. van Loon (DESC)

10:30 - 11:00 Rolf de Groot, SRON.

11:00 - 11:30 Edwin Mulder, "Muscle adaptation to unloading". Inst. Fundamental Clinical Human Movement Sciences, RU, Nijmegen.

11:30 - 11:45 Coffee

11:45 - 12:15 Gerrit Kroesen, "Plasma Physics experiments". EPG-TU, Eindhoven.

12:15 - 12:45 Gerrit Kroesen. Tour lab + centrifuge:

12:45 - 14:00 Lunch

14:00 - 14:30 Elias Vlieg, "Protein crystallization in microgravity induced by gradient magnetic fields". IMM Solid State Chemistry, RU Nijmegen.

14:30 - 15:00 [Heleen de Brabander](#), "Ignition, Lift off and Docking to the future"  
Ministerie van Economische Zaken.

Free parking tickets : see Rina Boom