

Helmut Spitzl



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OBJECTIVE

Seeking a challenging position in a progressive organization within the space industry. Working in a motivated international team I would like to contribute personally to the future development of space.

PERSONAL INFORMATION

- Date of birth: July 26, 1976
- Place of birth: Vienna, Austria
- Nationality: Austrian

FIELDS OF INTEREST

- Human/Robotic Space Exploration
- Space Mission Design
- System Engineering & Analysis

EDUCATION

- 2001-03: **Vienna University of Technology**, Master of Applied Physics (honors)
- 2000-01: **International Space University**, Master of Space Studies (MSS'01)
- 1997-99: **Ecole Centrale Paris**, TIME program, Ingénieur Diplômé de l'ECP
- 1996-97: **University of Vienna**, Astronomy, 1st degree
- 1994-97: **Vienna University of Technology**, Applied Physics, 1st degree

PROFESSIONAL EXPERIENCE

- 2003: **DLR Berlin-Adlershof**, 5-month professional placement, investigation of Phobos Flybys during ESA's **Mars Express** Mission
- 2002: **UN Symposium** on Participation of Youth in Space Activities, Graz
- 2002: 2-week **Lunar Base Design Workshop**, ESA/ESTEC
- 2002: **36th ESLAB Symposium** on "Earth-like Planets & Moons", ESTEC
- 2002: Elected secretary to the **European ISU Alumni Association (EAA)**
- 2001: Professional visits to **Moscow** and **Kourou** (Ariane 4, Launch 144)
- 2001: **NASDA Tsukuba Space Center**, Japan, 3-month placement
- 2000: Participant in the **3rd ESA Student Parabolic Flight Campaign**
- 2000: Presentation of a paper at the **51st IAF Congress** in Rio, Brazil
- 2000: **ESA Summer School in Alpbach** on Extragalactic Astronomy
- 2000: Founding member of the **Austrian ISU Alumni Association**, actively involved in the creation of the **Austrian Space Forum**
- 1999: **International Space University**, SSP'99, Khorat, Thailand
- 1999: Finalist in **ESA's SUCCESS** competition, ESA/ESTEC
- 1998: SURF Fellowship from **Caltech** for a project at the **NASA JPL**
- 1993, 94: **4th International Space Camp** and **Space Academy Level II** at the U.S. Space & Rocket Center in Huntsville, Alabama

LANGUAGES

- German: Mother tongue
- English: Excellent, **Cambridge Proficiency**, TOEFL: 640/670
- French: Excellent, 3-year stay in France, exam for bilingual students
- Spanish: Good, stays in Spain and Panamá
- Japanese: Basic knowledge, 3-month stay in Japan

COMPUTER KNOWLEDGE

- Prog. languages: C, C++, IDL, NAIF/SPICE, FORTRAN, PERL, OPL, BASIC
- Scientific utilities: Mathematica, Systus+, Transform
- Internet: Web site management/programming/design, HTML, JavaScript

EXTRACURRICULAR ACTIVITIES

- Classical piano (14 years, graduated with honors), classical and electric guitar
- Ballroom dancing (6 years, Gold-Star diploma with honors), skiing, windsurfing

