

PERSONAL INFORMATION

Stefan Hanslik



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JOB APPLIED FOR
 POSITION
 PREFERRED JOB
 STUDIES APPLIED FOR
 PERSONAL STATEMENT

nomination as member to the Governing Board Committee of Fusion for Energy (F4E)

WORK EXPERIENCE

- 1997–1998: Research Fellow, Institute of Zoology, University of Vienna. Studied European Ground Squirrel behaviors utilizing molecular biology methods.
- 1998–2001: Research Fellow, Institute of Animal Breeding and Genetics, University of Veterinary Medicine, Vienna. Conducted EU framework-funded doctoral research on cattle genetics and phylogenetic data analysis.
- 2001–2002: Research Scientist, Institute of Forensic Medicine, Vienna. DNA profiling and forensic biology investigations.
- 2003: University Assistant, Medical Faculty, University of Vienna.
- 2003–2005: CEO of Identilab-Forensic Services. Forensic consultancy, establishing DNA laboratories in UAE and Central Asia.
- 2005–Present: Federal Ministry of Women, Science & Research, Austria. Advanced through various roles, currently Acting Head of Department II/3 Basic Research (STEM) and Research Infrastructures.

Key responsibilities include coordination of Austrian representation in prominent EU programs, fostering Open Science and quantum research, and managing memberships in large research institutions such as CERN.

EDUCATION AND TRAINING

- 1978–1982: Primary School, Managettgasse, Vienna, Austria
- 1982–1991: Natural Sciences High School (GRG19), Vienna, Austria
- 1991: High School Diploma (Reifeprüfung)
- 1991: Enrolled at the University of Natural Resources and Life Sciences (BOKU), Vienna, Austria
- 1991–1992: Studied Forestry

- 1992–1998: Enrolled in Biology Studies
- 1996: First Diploma Examination in Biology/Zoology
- 1996–1998: Specialized in Zoology, Elective in Genetics
- 1998: Master's Degree (Magister der Naturwissenschaften)
- 2001: Doctorate (Dr. rer. nat.) in Natural Sciences

TRAINING AND FURTHER EDUCATION

Numerous international and national training programs, including:

- 2001: SQL-LIMS Key Personnel Training V4, Applied Biosystems, USA
- 2002–2003: Specialized and expert-level training in Bloodstain Pattern Analysis at the Miami-Dade Police Department, USA
- 2003: Quality Management I and II based on EN17025 Standards, Austria
- Various years 2008–2020: Programs, workshops, and summer schools focusing on strategic leadership, European Union operations (including evidence-based policies), quality management, forensic investigations, open science strategies, and digital research infrastructures.

PERSONAL SKILLS

QUALIFICATIONS

- Doctor of Natural Sciences with expertise in molecular biology: DNA extraction, PCR, DNA sequencing and data analysis, forensic mtDNA techniques, STR marker analysis, species determination, and forensic evidence handling (blood, semen, etc.).
- Forensic Biology and Crime Scene Investigation: Interpretation and analysis of bloodstain patterns, forensic DNA profiling, and species identification.
- DNA Data Management: Development and management of databases, including the application of EN17025 standards in Laboratory Information Management Systems.
- Knowledge in STEM Research Areas: Expertise in European research programs like EURATOM, Quantum Computing (EuroHPC), and Open Science initiatives.
- Policy Development: Coordinating efforts to integrate science and policy for sustainable research infrastructure.

Mother tongue(s) German

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	excellent	excellent	excellent	excellent	excellent
Proficient (C2 level across all competencies)					

Communication skills

- Excellent communication skills developed through extensive experience in international science diplomacy and policy-making.
- Proficient in facilitating discussions between diverse stakeholders, including government representatives, academia, industry leaders, and international organizations.

- Regularly conducts presentations, moderates panels, and represents Austria in high-profile international committees (e.g., ESFRI, EOSC, EURATOM).
- Strong ability to translate complex scientific and technical topics into accessible information for non-expert audiences, policy-makers, and the general public.
- Experienced in managing cross-disciplinary teams, fostering collaboration, and resolving conflicts in multicultural and multi-institutional settings.
- Published author and frequent public speaker, adept at engaging audiences at international conferences, seminars, and workshops.

Organisational / managerial skills

- **Leadership:**
Currently responsible for leading a team of approximately 15 experts in the Department V/3 (Basic Research in STEM and Research Infrastructures) at the Federal Ministry of Education, Science, and Research (BMBWF).
- **Strategic Leadership:**
Acquired through chairing national and international committees, including serving as Chair of the **European e-Infrastructures Reflection Group (e-IRG)** and leading Austria's initiatives in research infrastructures and Open Science.
- **Project Management:**
Successfully managed multiple large-scale, multidisciplinary research projects, including the strategic implementation of Quantum Austria and Austrian participation in high-profile international programs like EURATOM, EuroHPC, and EOSC.
- **Policy Development Leadership:**
Developed leadership skills while representing Austrian interests in high-level EU committees (e.g., ESFRI, EOSC Governance Board, EuroHPC Governing Board) and in policy-making for research infrastructures, nuclear energy collaborations, and Open Science initiatives.
- **Team Coordination:**
Extensive experience in managing and coordinating interdisciplinary teams across government, academia, and industry, including responsibility for ensuring timely delivery of outcomes in national and EU projects.
- **Stakeholder Management:**
Proficient in liaising and negotiating with stakeholders from diverse backgrounds, such as EU institutions, international research organizations (CERN, ESO, ESRF), and Austrian government entities, to align national and international research priorities.
- **Resource Allocation and Budget Management:**
Gained significant expertise in optimizing budgets and allocating resources for complex, large-scale initiatives, ensuring cost-effectiveness and achievement of long-term objectives.
- **Crisis Management:**
Demonstrated managerial resilience and problem-solving capabilities during international forensic consultancy projects (2003–2005) and through coordination of national research programs involving multiple stakeholders under tight deadlines.

Job-related skills

- Exceptional expertise in molecular and forensic biology, research infrastructures, and EU funding frameworks such as Horizon Europe and EURATOM.
- Extensive experience with the adoption and promotion of Open Science policies, Quantum Computing, and High-Performance Computing (HPC).
- Strong adherence to quality management standards (EN17025) and laboratory-based workflows.

- Proficient in integrating science and policy to advance research ecosystems at both national and international levels.

Digital skills:

- Proficient user (C1/C2) across all aspects of digital competency, including:
 - Information Processing: Expert in processing, analyzing, and managing complex datasets for scientific and administrative projects.
 - Content Creation: Skilled in developing reports, policy briefs, presentations, and digital tools for research communities.
 - Communication Tools: Proficient with collaboration platforms for project management (e.g., MS Teams, Zoom, Slack) and outreach tools like social media, YouTube, and webinars.
 - Problem-Solving: Excellent problem-solving skills in computational tools, data simulations, and planning complex research architectures.
- Familiarity with software relevant to forensic science, bioinformatics, and advanced research analytics.

Other skills

- Deep understanding of STEM disciplines and their role in advancing both research and innovation ecosystems.
- Expertise in evidence-based policy development to bridge the gap between science and decision-making.
- Practical experience in laboratory design and scientific equipment procurement for both private and public sectors.

Driving licence A/B

ADDITIONAL INFORMATION

Publications

PUBLICATIONS

- Multiple peer-reviewed articles in journals like Animal Genetics, Molecular Ecology, Journal of Forensic Sciences, and Thyroid.
- Authored contributions on forensic species identification, population DNA analysis, and European research infrastructures.

CONFERENCE PRESENTATIONS

- Presented research and methodologies in forensic science, phylogenetic analysis, and European research development at international conferences across Europe and the United States.

Citations:

Hanslik S, Harr B, Brem G, Schlötterer C. 2000 Microsatellite analysis reveals substantial genetic differentiation between contemporary New World and Old World Holstein Friesian populations, Anim Genet 2000 Feb;31 (1):31-8

Hanslik S, Kruckenhauser L. 2000 Microsatellite tod for two European sciurid species (Marmota marmota, Spermophilus citellus). Mol Ecol 2000 Dec;9(12):2]63-5

Nussbaumer C, Hanslik S, Fichtinger M. and Bauer G. 2001 Austrian Causcasian Population dato for 10 STR bd using AmpFISGM Plus amplification kit, Journal of Forensic Sciences 2001 Apr; 1

22: 181-183.

Vierhapper H, Rondot S, Schulze E, Wagner L, Hanslik S, Niederle B, Bieglmayer C, Kaserer K, Baumgartner-Parzer S, Primary hyperparathyroidism as the leading symptom in a patient with a Y791F RET mutation. *Thyroid*. 2005 Nov;15(11):1303-8.

Grassberger M, Stein C, Hanslik S, Hochmeister M., Evaluation of a novel tagging and tissue preservation system for potential use in forensic sample collection., *Forensic Sci Int*. 2005 Jul 16;151(2-3):233-7.

Katharina Flicker (EOSC Support Office Austria, SBA Research, TU Wien), Stefan Hanslik (BMBWF), Tereza Kalová (Vienna University Library, University of Vienna), ERCIM news 2024

Poster Presentations

Hanslik S, Millesi E. 1997 Sexual behaviour as a predictor for paternity in European ground squirrels. International Ethological Conference, Wien Österreich

Hanslik S, Schlötterer C. 2000 Detecting selective sweeps in cattle populations. European Society of Evolutionary Biology, Barcelona Spanien

Hanslik S, Nussbaumer C, Rauter H, Grassberger M. and Reiter C. 2001 A novel approach on species identification of forensic relevant diptera by molecular means. First European Forensic Entomology Seminar. Gendarmerie National, Rosny Sous Bois, Paris, Frankreich

Nussbaumer C, Hanslik S, Fichtinger M. and Bauer G. 2001 Caucasian Population Data from Eastern Austria for 10 STR loci using AmpFISGM Plus amplification kit. 2001 American Academy of Forensic Sciences Seattle, Washington, USA

Social Media/Web:

Video 1: EOSC What you need to know: <https://youtu.be/qYyIqP5Fkk>

Video 2: The Backbone of EOSC: https://youtu.be/DSVmqH_HrcY

Video 3: EOSC- A sustainable future: <https://youtu.be/KbzAfZ80iPs>

The European Open Science Cloud journey: messages from the EOSC Governance - YouTube

FAIR Office Austria Launch: FAIR Office Austria Launch Event - YouTube

EOSC-Lustrum (5 Jahre EOSC Launch): <https://eosc-lustrum.eu/home/> Organising Committee

EOSC-Launch: <https://eosc-launch.eu/organising-committee/>

EOSC & open science in Austria: An interview with Stefan Hanslik | EOSC-Pillar

Developing EOSC, Austria Country Profile Q3/2024