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## Employment

### Researcher

eSSENCE: The e-Science Collaboration

Lund University

Lund, Sweden

2016 Jan 1 → present

### Professor

Department of Geology

Lund University

Lund, Sweden

2022 Aug 16 → present

## Projects

- 4MOST: 4MOST - massive spectroscopic surveys of the Milky Way and the Universe**  
Feltzing, S. (Researcher), Church, R. (Researcher), Hobbs, D. (Researcher), Bensby, T. (Researcher), Ryde, N. (Researcher), Hartman, H. (Researcher), Mcmillan, P. (Researcher), Jönsson, H. (Researcher), Agertz, O. (Researcher), Howes, L. (Researcher), Kushniruk, I. (Researcher), Agertz, O. (Researcher), Traven, G. (Researcher), Feuillet, D. (Researcher), Erandes, H. (Researcher), Lehmann, C. (Researcher) & Plotnikova, A. (Researcher)  
2011/01/01 → 2029/12/31  
Project: Research
- Astrobiology: Past, Present, and Future**  
Dunér, D. (PI), Ahrén, D. (Researcher), Dravins, D. (Researcher), Feltzing, S. (Researcher), Holmberg, G. (Researcher), Persson, E. (Researcher), Persson, P. (Researcher) & Vajda, V. (Researcher)  
2010/01/01 → 2011/12/31  
Project: Research
- eSSENCE@LU 3:1 - The eStarSpec collaboration: Using eScience to map the Milky Way**  
Church, R. (PI), Davies, M. B. (Researcher), Feltzing, S. (Researcher), Johansen, A. (Researcher), Piskunov, N. (Researcher), Korn, A. J. (Researcher), Barklem, P. (Researcher), Lind, K. (Researcher) & Kordopatis, G. (Researcher)  
2016/01/01 → 2019/12/01  
Project: Research
- eSSENCE@LU 6:5 - Bayesian spectroscopy: Understanding the Milky Way's history with data-driven spectroscopy**  
Church, R. (PI), Traven, G. (Researcher), Birken, P. (Researcher), Lindström, E. (Researcher), Davies, M. B. (Researcher), Feltzing, S. (Researcher), Korn, A. J. (Researcher) & Lind, K. (Researcher)  
2020/01/01 → 2021/12/31  
Project: Research
- Gaia-ESO Survey**  
Gilmore, G. (PI), Randich, S. (PI), Feltzing, S. (Col), Bensby, T. (Col), Howes, L. (Researcher), Gruyters, P. (Researcher), Ryde, N. (Col), Stonkute, E. (Researcher) & Ruchti, G. (Researcher)  
2012/12/24 → 2022/07/01  
Project: Research

6. **Galactic Time Machine**  
Feltzing, S. (PI), Feuillet, D. (Researcher), Plotnikova, A. (Researcher), Ernandes, H. (Researcher), Lehmann, C. (Researcher) & Agertz, O. (Col)  
Knut and Alice Wallenberg Foundation  
2021/07/01 → 2026/12/31  
Project: Research
7. **Galaxy formation and evolution: solving the thick disk conundrum**  
Feltzing, S. (PI) & Plotnikova, A. (Researcher)  
Swedish Research Council  
2025/01/01 → 2029/12/31  
Project: Research
8. **GREAT: GREAT**  
Feltzing, S. (Researcher), Walton, N. (PI), Lindegren, L. (Col), Davies, M. B. (Researcher) & Hobbs, D. (Researcher)  
2011/01/01 → ...  
Project: Network
9. **MOSAIC**  
Feltzing, S. (Researcher) & Ernandes, H. (Researcher)  
2023/01/01 → 2028/12/30  
Project: Research
10. **Signatures of Life on Earth and in Cosmos - ASG, Pufendorf IAS**  
Dunér, D. (Project coordinator), Ahrén, D. (Researcher), Cabak Rédei, A. (Researcher), Dravins, D. (Researcher), Feltzing, S. (Researcher), Holmberg, G. (Researcher), Holmer, A. (Researcher), Persson, E. (Researcher), Persson, P. (Researcher) & Vajda, V. (Researcher)  
2012/08/19 → 2013/08/19  
Project: Network
11. **Stellar ages for Galactic Archaeology: Methods and Applications**  
Sahlholdt, C. (PI), Feltzing, S. (Supervisor), Lindegren, L. (Researcher), Feuillet, D. (Assistant supervisor) & Agertz, O. (Assistant supervisor)  
Swedish Research Council  
2017/09/04 → 2021/10/01  
Project: Dissertation
12. **The nature of kinematic structures in the Galactic disc**  
Kushniruk, I. (Researcher), Bensby, T. (Supervisor) & Feltzing, S. (Assistant supervisor)  
2016/09/01 → 2020/11/06  
Project: Dissertation
13. **NMW: The New Milky Way**  
Feltzing, S. (PI), Bensby, T. (Col), Lindegren, L. (Col), Church, R. (Researcher), Hobbs, D. (Researcher), Ryde, N. (Researcher), Hartman, H. (Researcher), Mcmillan, P. (Researcher), Traven, G. (Researcher), Feuillet, D. (Researcher), Sahlholdt, C. (Researcher), Howes, L. (Researcher) & Stonkute, E. (Researcher)  
Knut and Alice Wallenberg Foundation  
2014/07/01 → 2027/06/30  
Project: Research
14. **SAGA: The Strömgren survey for Asteroseismology and Galactic Archeology**  
Casagrande, L. (PI), Feltzing, S. (Col), Sahlholdt, C. (Researcher) & Gruyters, P. (Researcher)  
The Royal Physiographic Society in Lund  
Project: Research
15. **WEAVE: WEAVE - a massively multiplex spectrograph for the William Herschel Telescope and associated surveys**  
Feltzing, S. (Researcher), Bensby, T. (Researcher) & Feuillet, D. (Researcher)  
The Royal Physiographic Society in Lund  
2010/01/01 → ...  
Project: Research

## Committees and commissions of trust (selected)

2015 - 2017	Swedish representative on the Science and Technology Committee (STC) for ESO, chair of the committee
2012 - 2014	Swedish representative on the Science and Technology Committee (STC) for ESO
2010 - 2013	Member of the Astronomy Working Group (AWG) at the European Space Agency (ESA). AWG is an advisory body to ESA providing scientific advice for all astronomy missions of ESA whether operational, in development or under study
2011 - 2015	Deputy head of Department of Astronomy and Theoretical Physics
2012 - 2014	Member of the LUNARC board at Lund University. LUNARC is the center for scientific and technical computing at Lund University.

## **Supervision of PhD students**

2017 - 2021	Christian Sahlholdt, PhD 2021
2011 - 2015	Cheng Liu, PhD 2015
2011 - 2015	Chiara Battistini, PhD 2015
2008 - 2011	Daniel Adén, PhD 2011
2007 - 2010	Anna Árnadóttir, PhD 2010
1999 - 2005	Daniel Faria, PhD 2005
1999 - 2004	Thomas Bensby, PhD 2004

## **Prizes and Distinctions**

**Elected member of the Royal Physiographic Society in Lund**  
Feltzing, S. (Recipient), 2014

**Elected member of the Royal Swedish Academy of Science**  
Feltzing, S. (Recipient), 2015

**Strömer-Fermerska belöningen**  
Feltzing, S. (Recipient), 2013

**The Royal Swedish Academy of Science fellowship**  
Feltzing, S. (Recipient), 2004

## **Awards**

**Galaxy formation and evolution: solving the thick disk conundrum**  
Feltzing, S. (PI)  
Swedish Research Council: SEK4,150,000.00  
2025/01/01 → 2029/12/31