

Sofia Feltzing  
Lund University  
Postal address:  
Box 43  
221 00  
Lund  
Sweden  
Email: sofia.feltzing@astro.lu.se  
Phone: +46462227294



## 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)  
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
- GREAT: GREAT**  
Feltzing, S. (Researcher), Walton, N. (PI), Lindegren, L. (Col), Davies, M. B. (Researcher) & Hobbs, D. (Researcher)  
2011/01/01 → ...  
Project: Network

7. **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
8. **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
9. **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
10. **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
11. **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
12. **WEAVE: WEAVE - a massively multiplex spectrograph for the William Herschel Telescope and associated surveys**  
 Feltzing, S. (Researcher) & Bensby, T. (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-Fernerska 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