

# EUROWD 2026: 24th European Workshop on White Dwarfs

## Conference Schedule

| Time        | Monday 03 Aug 2026                                   | Tuesday 04 Aug 2026                           | Wednesday 05 Aug 2026                         | Thursday 06 Aug 2026                        | Friday 07 Aug 2026   |   |                                    |  |  |
|-------------|--|---|---|---|--|---|------------------------------------|--|--|
| 08:30       | bus departure in Vienna                              | bus departure in Vienna                       | bus departure in Vienna                       | bus departure in Vienna                     | bus departure in Vienna  |   |                                    |  |  |
| 09:15       | coffee   | coffee  | coffee  | coffee                                      | coffee   |   |                                    |  |  |
| 09:30       | welcome remarks                                      | <b>S2.1</b><br><b>Advances in WD Modeling</b> | <b>S3.1</b><br><b>WDs in PCEBs</b>            | <b>S4.1</b><br><b>CVs and Accreting WDs</b> | <b>S5.1</b><br><b>Hypervelocity Supernova Survivors + ELMs</b> |   |                                    |  |  |
| 09:45       | <b>S1.1</b><br><b>WD Populations</b>                 |   |   |   |  |   |                                    |  |  |
| 10:00       |  |   |   |   |  |   |                                    |  |  |
| 10:15       |  |   |   |   |  |   |                                    |  |  |
| 10:30       | <b>S1.2</b><br><b>Clusters, Wide Binaries + IFMR</b> | <b>S2.2</b><br><b>WD Magnetism</b>            | <b>S3.2</b><br><b>WD Population Synthesis</b> | <b>S4.2</b><br><b>WD Debris</b>             | <b>S5.2</b><br><b>WD Supernova Connections</b>                 |   |                                    |  |  |
| 10:45-11:30 |  |   |   |   |  | coffee break (45 min)                             | group photo + coffee (45 min)      | coffee break (45 min)                    | coffee break (45 min)                                |
| 11:30       |  |   |   |   |  | <b>S1.3</b><br><b>Large Spectroscopic Surveys</b> | <b>S2.3</b><br><b>WD Magnetism</b> | <b>S3.3</b><br><b>Rare Accreting WDs</b> | <b>S4.3</b><br><b>WD Transits and Direct Imaging</b> |
| 11:45       | <b>S2.4</b><br><b>Q branch + Massive WDs</b>         |   |   |   |  |   |                                    |  |  |
| 12:00       |  |   |   |   |  |   |                                    |  |  |
| 12:15       |  |   |   |   |  |   |                                    |  |  |
| 12:30       | lunch (1 hr)   | lunch (1 hr)                                  | lunch (1 hr)                                  | lunch (1 hr)                                | concluding remarks   |   |                                    |  |  |
| 12:45-13:45 | <b>S1.4</b><br><b>Asteroseismology + Hot WDs</b>     | <b>S2.4</b><br><b>Q branch + Massive WDs</b>  | early afternoon                               | <b>S4.4</b><br><b>WD Debris</b>             |  |   |                                    |  |  |
| 13:45       |  |   |   |   | <b>S1.3</b><br><b>Large Spectroscopic Surveys</b>              |   |                                    |  |  |
| 14:00       |  |   |   |   |  |   |                                    |  |  |
| 14:15       |  |   |   |   |  |   |                                    |  |  |
| 14:30       | <b>S1.3</b><br><b>Large Spectroscopic Surveys</b>    | coffee break (45 min)                         | bus to Vienna / Schwedenplatz                 | coffee break (30 min)                       |  |   |                                    |  |  |
| 14:45       |  |   |   |   |  |   |                                    |  |  |
| 15:00       |  |   |   |   |  |   |                                    |  |  |
| 15:15       | <b>S1.4</b><br><b>Asteroseismology + Hot WDs</b>     | coffee break (45 min)                         | bus to Vienna / Schwedenplatz                 | coffee break (30 min)                       |  |   |                                    |  |  |
| 15:30-16:00 |  |   |   |   |  |   |                                    |  |  |
| 16:00       |  |   |   |   |  |   |                                    |  |  |
| 16:15       |  |   |   |   |  |   |                                    |  |  |
| 16:30       | <b>S1.4</b><br><b>Asteroseismology + Hot WDs</b>     | conference dinner                             | bus departure                                 | bus departure                               |  |   |                                    |  |  |
| 16:45       |  |   |   |   |  |   |                                    |  |  |
| 17:00       |  |   |   |   |  |   |                                    |  |  |
| 17:15       |  |   |   |   |  |   |                                    |  |  |
|             |  |   |   | social activity                             |  |   |                                    |  |  |

# Detailed Schedule

Monday 03 Aug 2026

| Time        | Session                       | Topics                                    | Author                    | Title  |
|-------------|-------------------------------|---|---------------------------|--|
| 08:30       | bus departure in Vienna       |   |                           |  |
| 09:15       | coffee                        |   |                           |  |
| 09:30       | welcome remarks               |   |                           |  |
| 09:45       | S1.1                          | S1.1<br>WD Populations                    | Mairi O'Brien             | White dwarfs within 13 pc: Insights from HST near-UV spectroscopy  |
| 10:00       |                               |   | Akash Vani                | Dead Stars Tell the Tale: Using Main-Sequence Stars, Giants, and White Dwarfs to Reconstruct the Milky Way's History |
| 10:15       |                               |   | Emily Roberts             | Simulating all-sky and part-sky 100pc white dwarf samples  |
| 10:30       |                               |   | Gracyn Jewett             | The Upper Mass Limit and Merger Fraction of Ultra-massive White Dwarfs   |
| 10:45-11:30 | coffee break (45 min)         |   |                           |  |
| 11:30       | S1.2                          | S1.2<br>Clusters, Wide Binaries +<br>IFMR | David Miller              | New constraints and open questions in the cluster white dwarf initial-final mass relation                            |
| 11:45       |                               |   | María Jesús Flores Moraga | Refining the Low-Mass End of the IFMR with Gravitational Redshifts in WD + Subgiant Binaries                         |
| 12:00       |                               |   | Stefan Arseneau           | Constraints on White Dwarf Stellar Structure with Gravitational Redshifts  |
| 12:15       |                               |   | Aina Ferreri Burjachs     | Low-mass white dwarfs in wide binaries: uncovering hierarchical triples and alternative formation channels           |
| 12:30       |                               |   | Alexander Venner          | Digging Deeper for Dog Stars: The Search for Hidden Nearby White Dwarfs in Multi-star Systems                        |
| 12:45-13:45 | lunch (1 hr)                  |   |                           |  |
| 13:45-14:30 | poster session (45 min)       |   |                           |  |
| 14:30       | S1.3                          | S1.3<br>Large Spectroscopic<br>Surveys    | Andrew Swan               | The DESI DR1 white dwarf catalogue   |
| 14:45       |                               |   | James Munday              | Classifying white dwarfs from multi-object spectroscopy surveys with machine learning                                |
| 15:00       |                               |   | Sicheng Yu                | Measuring white dwarf parameters using noisy spectra   |
| 15:15       |                               |   | Xander Byrne              | Big-data methods for polluted white dwarfs: past, present, and future  |
| 15:30-16:00 | coffee break (30 min)         |   |                           |  |
| 16:00       | S1.4                          | S1.4<br>Asteroseismology + Hot<br>WDs     | Steven Savery             | XCov31: Concurrent Multi-wavelength Photometry of the DAV G29-38   |
| 16:15       |                               |   | Kaylee Grace              | The Blue Edge of the Helium White Dwarf Instability Strip  |
| 16:30       |                               |   | Paulina Sowicka           | Pulsations and Abundances of PG 1159 Stars: New Observational Constraints on the GW Vir Instability Strip            |
| 16:45       |                               |   | Tiara Battich             | Formation of trans-iron elements in H-deficient WDs precursors   |
| 17:00       |                               |   | Semih Filiz               | Spectral Analysis of the Largest Far-Ultraviolet Sample of Hot, Hydrogen-Rich White Dwarfs                           |
| 17:15       | bus to Vienna / Schwedenplatz |   |                           |  |

**Tuesday 04 Aug 2026**

| Time        | Session                                    | Topics                                  | Author                           | Title  |
|-------------|--|---|----------------------------------|--|
| 08:30       | <b>bus departure in Vienna</b>             |   |                                  |  |
| 09:15       | <b>coffee</b>                              |   |                                  |  |
| 09:30       | S2.1                                       | <b>S2.1<br/>Advances in WD Modeling</b> | Evan Bauer                       | Building and Testing New White Dwarf Physics Capabilities at LLNL  |
| 09:45       |  |   | Antoine Bédard                   | A new generation of STELUM white dwarf cooling models  |
| 10:00       |  |   | Bart Dunlap                      | Inconsistencies in White Dwarf Balmer Lines  |
| 10:15       |  |   | Piotr Kowalski                   | Revising Chemical Equilibrium in Atmospheres of Cool White Dwarfs  |
| 10:30       |  |   | Jackson White                    | A New Approach to Modeling Quasi-H2+ in DA White Dwarf Stars   |
| 10:45-11:30 | <b>group photo + coffee break (45 min)</b> |   |                                  |  |
| 11:30       | S2.2                                       | <b>S2.2<br/>WD Magnetism</b>            | Larissa Luciano Amorim           | Investigating the Origin of Magnetic Fields in White Dwarfs through Rotational and Physical Correlations           |
| 11:45       |  |   | Michael Stroet                   | Are seemingly constant magnetic white dwarfs rapidly rotating?   |
| 12:00       |  |   | Aayush Desai                     | Fast, Massive, Magnetic: Our ZTF Search for White Dwarf Merger Remnants  |
| 12:15       |  |   | Abbigail Elms                    | A unified view of Balmer emission line white dwarfs  |
| 12:30       |  |   | Adam Moss                        | Insights into the Origin of Magnetism from the SDSS 100 pc Sample  |
| 12:45-13:45 | <b>lunch (1 hr)</b>                        |   |                                  |  |
| 13:45       | S2.3                                       | <b>S2.3<br/>WD Magnetism</b>            | Maria Camisassa                  | A Long-Lived, Deep-Seated Main-Sequence Magnetic Field Emerging in the White Dwarf Phase                           |
| 14:00       |  |   | Lukas Einramhof                  | Magneto-archeology of white dwarfs   |
| 14:15       |  |   | Matias Castro-Tapia              | Is a Crystallization-driven Convection Dynamo Plausible for explaining Magnetic White Dwarfs?                      |
| 14:30       |  |   | Rafael Fuentes                   | Stirring White Dwarfs via Compositional Convection, Crystallization-driven dynamos and Accretion-driven Convection |
| 14:45       |  |   | Valentin Skoutnev                | Magnetized Thermohaline Convection in Accreting and Crystallizing White Dwarfs                                     |
| 15:00       |  |   | Ana Carolina Antonini Santa Rosa | Evolution and Formation of Ultramassive White Dwarf Stars  |
| 15:15-16:00 | <b>coffee break (45 min)</b>               |   |                                  |  |
| 16:00       | S2.4                                       | <b>S2.4<br/>Q branch + Massive WDs</b>  | Henry SanfordCrane               | Demographic Dissection of the Gaia Q-Branch Reveals the Crystallization Delay in Massive White Dwarfs              |
| 16:15       |  |   | Lou Baya Ould Rouis              | White Dwarf Merger Remnants with Cooling Delays on the Q Branch Lack Strong Magnetism                              |
| 16:30       |  |   | Nicholas Rui                     | Forging neon-distilling white dwarfs in the stellar engulfments of helium white dwarfs                             |
| 16:45       |  |   | Camila Damia Rincón              | Evolutionary models for carbon-rich white dwarfs   |
| 17:00       |  |   | Max Pritzkeleit                  | From helium white dwarf mergers to helium giants - The intermediate-mass stripped star impostors                   |
| 17:15       | <b>bus departure</b>                       |   |                                  |  |
|             | <b>conference dinner</b>                   |   |                                  |  |

**Wednesday 05 Aug 2026**

| Time        | Session                              | Topics                                  | Author                         | Title  |
|-------------|--------------------------------------|---|--------------------------------|--|
| 08:30       | <b>bus departure in Vienna</b>       |   |                                |  |
| 09:15       | <b>coffee</b>                        |   |                                |  |
| 09:30       | <b>S3.1</b>                          | <b>S3.1<br/>WDs in PCEBs</b>            | <b>Steffani Grondin</b>        | The First Population of White Dwarf+Main-Sequence Binaries in Star Clusters: A New Window into Common Envelope Evolution |
| 09:45       |                                      |   | <b>Andrija Zupic</b>           | Variability analysis and SED modeling of WDMS binaries using multi-survey data   |
| 10:00       |                                      |   | <b>Amalie Yates</b>            | Long-term eclipse time variations in white dwarf binaries  |
| 10:15       |                                      |   | <b>David Wilson</b>            | Hidden white dwarfs in the nearest Post Common Envelope Binaries   |
| 10:30       |                                      |   | <b>Steven Parsons</b>          | White dwarfs in close binaries with substellar companions  |
| 10:45-11:30 | <b>coffee break (45 min)</b>         |   |                                |  |
| 11:30       | <b>S3.2</b>                          | <b>S3.2<br/>WD Population Synthesis</b> | <b>Katie Breivik</b>           | Simulating the population of white dwarf - main sequence binaries with COSMIC-METISSE                                    |
| 11:45       |                                      |   | <b>Cheyenne Shariat</b>        | A global view of post-interaction white dwarf-main sequence binaries   |
| 12:00       |                                      |   | <b>Alex Duran-Reyes</b>        | Stability Limits for Binary Mass Transfer in low- and intermediate-mass stars with MESA                                  |
| 12:15       |                                      |   | <b>Natsuko Yamaguchi</b>       | Population demographics of post-interaction WDMS binaries from Gaia  |
| 12:30       |                                      |   | <b>Alejandro Santos-García</b> | A Self-Consistent Population Synthesis Study of White Dwarf-Brown Dwarf Binaries   |
| 12:45-13:45 | <b>lunch (1 hr)</b>                  |   |                                |  |
| 13:45-14:30 | <b>poster session (45 min)</b>       |   |                                |  |
| 14:30       | <b>S3.3</b>                          | <b>S3.3<br/>Rare Accreting WDs</b>      | <b>William Weitian Yu</b>      | Constraining the Formation Channels of AM CVn Stars  |
| 14:45       |                                      |   | <b>Iris de Ruiter</b>          | A New Population of Coherent Radio Emitters: White Dwarf Binaries  |
| 15:00       |                                      |   | <b>Geoffrey Mo</b>             | Exotic white dwarfs in the core of 47 Tuc revealed by a HST UV time-domain survey  |
| 15:15       |                                      |   | <b>Andrei Cristea</b>          | J2008, you still speak in riddles: a peculiar white dwarf merger remnant with a half-ring of circumstellar material      |
| 15:30       | <b>bus to Vienna / Schwedenplatz</b> |   |                                |  |

**Thursday 06 Aug 2026**

| Time        | Session                        | Topics   | Author                                 | Title  |
|-------------|--------------------------------|--|--|--|
| 08:30       | <b>bus departure in Vienna</b> |  |  |  |
| 09:15       | <b>coffee</b>                  |  |  |  |
| 09:30       | <b>S4.1</b>                    | <b>S4.1<br/>CVs and Accreting WDs</b>          | <b>Anna Francesca Pala</b>             | Accreting white dwarfs as probes of compact binary evolution   |
| 09:45       |                                |  | <b>Santiago Hernández Díaz</b>         | Unveiling the period-bounce population of Cataclysmic Variables Spectroscopic and time-domain follow-up of eROSITA-selected candidates |
| 10:00       |                                |  | <b>Soumyadeep Bhattacharjee</b>        | Thermally Inflated Accretors: Insights from Young White Dwarf Binaries   |
| 10:15       |                                |  | <b>Irin Babu Vathachira</b>            | WRLOF Accretion in WD-AGB Binaries   |
| 10:30       |                                |  | <b>Param Rekhi</b>                     | Barium Dwarfs in Disguise: s-process Enrichment in Gaia MS+WD Binaries   |
| 10:45-11:30 | <b>coffee break (45 min)</b>   |  |  |  |
| 11:30       | <b>S4.2</b>                    | <b>S4.2<br/>WD Debris</b>                      | <b>Snehalata Sahu</b>                  | Frequency and composition of planetary debris around young white dwarfs: Insights from HST/COS snapshot survey                         |
| 11:45       |                                |  | <b>Xabier Pérez Couto</b>              | Reconstructing the kinematic history of polluted white dwarfs: stellar flybys and molecular cloud encounters                           |
| 12:00       |                                |  | <b>Jamie Williams</b>                  | A white dwarf accreting a second-generation planet   |
| 12:15       |                                |  | <b>Rudy Morales</b>                    | Infrared Excess and Metal Pollution in White Dwarfs from HETDEX  |
| 12:30       |                                |  | <b>Tim Cunningham</b>                  | JWST Time-Domain View of Planetary Debris: Tracking Disk Variability and Accretion in G29-38   |
| 12:45-13:45 | <b>lunch (1 hr)</b>            |  |  |  |
| 13:45       | <b>S4.3</b>                    | <b>S4.3<br/>WD Transits and Direct Imaging</b> | <b>Jan van Roestel</b>                 | Disappearing white dwarfs; a systematic search for transiting and eclipsing white dwarfs with ZTF                                      |
| 14:00       |                                |  | <b>Akshay Robert</b>                   | A complete characterisation of the transiting debris disk at WD1054-226  |
| 14:15       |                                |  | <b>Aaron Householder</b>               | Bigger than the Whole Star: Transiting Planets around White Dwarfs from ZTF  |
| 14:30       |                                |  | <b>Laura Rogers</b>                    | A Panoramic View of Rapid Dust Production by Disintegrating Asteroids around a White Dwarf   |
| 14:45       |                                |  | <b>Sergio Humberto Ramirez Ramirez</b> | WD Planetary Systems Through the Looking Glass   |
| 15:00       |                                |  | <b>Felipe Lagos-Vilches</b>            | Observational Constraints on the Incidence of Substellar Companions to Young Massive White Dwarfs with VLT/ERIS                        |
| 15:15       |                                |  | <b>Sabrina Poulsen</b>                 | A Probable Planet Detected via IR excess around WD 0644+025  |
| 15:30-16:00 | <b>coffee break (30 min)</b>   |  |  |  |
| 16:00       | <b>S4.4</b>                    | <b>S4.4<br/>WD Debris</b>                      | <b>Hiba tu Noor</b>                    | Tracking Accretion Rate Changes at Polluted White Dwarfs   |
| 16:15       |                                |  | <b>Wenjun Chen</b>                     | 3D Convection Corrections in Metal-Polluted White Dwarfs   |
| 16:30       |                                |  | <b>Érika Le Bourdais</b>               | Same Stars, Different Model: A Cross-Model Comparison of Polluted White Dwarf Atmosphere Characterization                              |
| 16:45       |                                |  | <b>Stefano Bagnulo</b>                 | Magnetically guided accretion and extremely slow rotation in a metal-enriched white dwarf  |
| 17:00       |                                |  | <b>Dang Pham</b>                       | The Effects of Magnetic Accretion on the Spatial Extent of White Dwarf Pollution   |
| 17:15       | <b>bus departure</b>           |  |  |  |
|             | <b>social activity</b>         |  |  |  |

**Friday 07 Aug 2026**

| Time        | Session                        | Topics  | Author                      | Title  |
|-------------|--------------------------------|---|-----------------------------|--|
| 08:30       | <b>bus departure in Vienna</b> |   |                             |  |
| 09:15       | <b>coffee</b>                  |   |                             |  |
| 09:30       | <b>S5.1</b>                    | <b>Hypervelocity Supernova Survivors + ELMs</b> | <b>Kareem El-Badry</b>      | Hypervelocity white dwarfs as messengers from thermonuclear supernovae                             |
| 09:45       |                                |   | <b>Aakash Bhat</b>          | A New High-Velocity LP 40-365 Type Star And The Fault In Our Type Ia Supernova Deflagration Models |
| 10:00       |                                |   | <b>Mark Hollands</b>        | Spectral analyses of double-detonation supernova survivors   |
| 10:15       |                                |   | <b>Ruediger Pakmor</b>      | Connecting hypervelocity stars with exploding white dwarfs via numerical simulations               |
| 10:30       |                                |   | <b>Gabriela da Rosa</b>     | Investigating the origin of the lowest-mass white dwarf stars                                      |
| 10:45-11:30 | <b>coffee break (45 min)</b>   |   |                             |  |
| 11:30       | <b>S5.2</b>                    | <b>WD Supernova Connections</b>                 | <b>Giovanni Stimamiglio</b> | 3D MHD Simulations of Double ONe White Dwarf Mergers   |
| 11:45       |                                |   | <b>Na'ama Hallakoun</b>     | IK Pegasi and the Double-merger Path to Type Ia Supernovae   |
| 12:00       |                                |   | <b>Stephania Hernandez</b>  | Building Double-Detonation Supernovae: The Evolutionary Pathway of WD+sdB Binaries                 |
| 12:15       |                                |   | <b>Dan Maoz</b>             | The Galaxy's double white dwarf merger rate: four measurements                                     |
| 12:30       | <b>concluding remarks</b>      |   |                             |  |
| 17:15       | <b>bus departure</b>           |   |                             |  |