TU WIEN | Informatics

Doctoral Thesis Topics

The first step towards your doctoral degree is to find the topic of your thesis. Have a look at our open topics, and browse recently completed theses.

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OPEN TOPICS

Finding an exciting thesis topic is crucial — after all, you will spend years of your life researching it. Typically a supervisor offers topics that fit into a larger research context within their group, like long-term vision, projects, or Doctoral Colleges. Your benefit in choosing one of these topics is that some may come with funding, and you can build on existing experience and infrastructure within an established research group.

Topics in TISS

Open topics are usually announced via TISS. To see all available doctoral thesis topics, please configure the TISS search form as follows (we unfortunately can't provide a direct link):

1. Visit tiss.tuwien.ac.at/thesis/theses.xhtml.

2. Click the "Extended Search" button

3. Set thesis type to "Dissertation"

4. Set faculty to "Faculty of Informatics"

Additional Topics

Individual

— Low Latency Machine Learning including 5G and Edge / Supervisor: Ivona Brandic

Collections

— ProbInG Project + DC SecInt / Supervisor: Ezio Bartocci

— Information Visualization and Visual Analytics / Supervisor: Silvia Miksch

You are a member of TU Wien Informatics, but prefer to not announce your topics in TISS? Simply send us an email with title, expiration date, supervisor name, and URL of additional information and we'll add them here.

COMPLETED TOPICS

Recently Completed

We are proud of every single candidate who graduates with us!

Here is a list of some of our most recent doctoral theses:

- Advancing State Space Search for Static and Dynamic Optimization by Parallelization and Learning / Frohner, N. (2023). Advancing State Space Search for Static and Dynamic Optimization by Parallelization and Learning [Dissertation, Technische Universität Wien]. reposiTUm. https://doi.org/10.34726/hss.2023.113960

- Ergonomics-Driven Computational Design of Furniture and Indoor Layouts / Leimer, K. (2023). Ergonomics-Driven Computational Design of Furniture and Indoor Layouts [Dissertation, Technische Universität Wien]. reposiTUm. https://doi.org/10.34726/hss.2023.113961

- Auditory Sensory Substitution in Virtual Reality for People with Hearing Impairments / Mirzaei, M. (2023). Auditory Sensory Substitution in Virtual Reality for People with Hearing Impairments [Dissertation, Technische Universität Wien]. reposiTUm. https://doi.org/10.34726/hss.2023.113962

- Single Image Depth Prediction on One Perspective Cultural Heritage Artefact / Frisky, A. Z. K. (2023). Single Image Depth Prediction on One Perspective Cultural Heritage Artefact [Dissertation, Technische Universität Wien]. reposiTUm. https://doi.org/10.34726/hss.2023.113862

- Moment-Based Loop Analysis / Stankovic, M. (2023). Moment-Based Loop Analysis [Dissertation, Technische Universität Wien]. reposiTUm. https://doi.org/10.34726/hss.2023.113863

- Norm Compliance for Reinforcement Learning Agents / Neufeld, E. A. (2023). Norm Compliance for Reinforcement Learning Agents [Dissertation, Technische Universität Wien]. reposiTUm. https://doi.org/10.34726/hss.2023.112881

- Unpacking The Argument - A Claim-Centric View On Abstract Argumentation / Rapberger, A. (2023). Unpacking The Argument - A Claim-Centric View On Abstract Argumentation [Dissertation, Technische Universität Wien]. reposiTUm. https://doi.org/10.34726/hss.2023.112445

- A Logical Analysis of Normative Reasoning: Agency, Action, and Argumentation / Van Berkel, C. L. J. (2023). A Logical Analysis of Normative Reasoning: Agency, Action, and Argumentation [Dissertation, Technische Universität Wien]. reposiTUm. https://doi.org/10.34726/hss.2023.111854

- Data Protection via or versus Blockchain Technology, An Analytic Reflection and Discussion of the Exercise of Rights Arising from the GDPR to Improve Privacy in the Public Digital Space when using Blockchain Technology / Schmelz, D. (2023). Data Protection via or versus Blockchain Technology, An Analytic Reflection and Discussion of the Exercise of Rights Arising from the GDPR to Improve Privacy in the Public Digital Space when using Blockchain Technology [Dissertation, Technische Universität Wien]. reposiTUm. https://doi.org/10.34726/hss.2023.111763

- Impact of user trust in IT systems on security and privacy / Pfeffer, K. (2023). Impact of user trust in IT systems on security and privacy [Dissertation, Technische Universität Wien]. reposiTUm. https://doi.org/10.34726/hss.2023.111762

The TU Wien Publication Database has the full list of all our completed theses.

RELATED

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Dates & Deadlines

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