

Assistant Professor of Multimedia Analytics

Faculty/department Electrical Engineering, Mathematics and Computer Science
Level PhD degree
Maximum employment Maximum of 38 hours per week (1 FTE)
Duration of contract Tenure track
Salary scale €3427 to €5330 per month gross

Electrical Engineering, Mathematics and Computer Science

The Faculty of Electrical Engineering, Mathematics and Computer Science (EEMCS) is known worldwide for its high academic quality and the social relevance of its research programmes. The faculty's excellent facilities accentuate its international position in teaching and research. Within this interdisciplinary and international setting the faculty employs more than 1100 employees, including about 400 graduate students and about 2100 students. Together they work on a broad range of technical innovations in the fields of sustainable energy, telecommunications, microelectronics, embedded systems, computer and software engineering, interactive multimedia and applied mathematics.
https://youtu.be/PsbUgi9A_cA

The Department of Intelligent Systems (INSY) conducts research on processing and interpretation of data to address the increasing volume and complexity of data and communication in today's world.

The Multimedia Computing Group within the Department of Intelligent Systems develops methods and algorithms that enable effective, efficient and intuitive access to large collections of heterogeneous, unstructured multimedia (multimodal, multisensory) data in real-world contexts. The developed solutions are oriented towards the needs of users and are realised using both the search and recommendation paradigms. The group combines expertise in multimedia information retrieval, recommender systems, multimedia signal analysis and processing, and (social) network analysis.

Job description

The successful candidate will strengthen the Multimedia Computing (MMC) Group's expertise in the domain of multimedia analytics, that is, extraction of meaningful information from multimedia data through signal/image/language and multimodal data processing approaches. The focus lies on expanding the classical notions of information relevance, taking into account aspects such as affect, aesthetics, experience, interest, intent, utility, privacy, and truthfulness. The successful candidate will also contribute to teaching at the BSc and MSc levels, supervision of PhD students, research funding acquisition, technology transfer, and faculty management tasks.

A Tenure Track, a process leading up to a permanent appointment with the prospect of becoming an Associate or full Professor, offers young, talented academics a clear and attractive career path. During the Tenure Track, you will have the opportunity to develop into an internationally acknowledged and recognised academic. We offer a structured career and personal development programme designed to offer individual academics as

much support as possible. For more information about the Tenure Track and the personal development programme, please visit www.tudelft.nl/tenuretrack.

Requirements

The candidate has a PhD and a proven track record of scientific excellence in a technical discipline related to the job description above. He/she has the ambition to strengthen the research and teaching of the MMC Group and the Department of Intelligent Systems. Solid experience with multimedia signal processing and machine learning is required and the candidate should be comfortable with teaching courses related to these fields in the Computer Science curriculum. Teaching experience at the university level is preferred. Teaching certificates are considered an advantage. The candidate is an enthusiastic team player and has the ambition to build partnerships with other groups and departments of the TU Delft, and with leading academic and social institutions and industries worldwide.

Conditions of employment

A tenure-track position is offered for six years. Based on performance indicators agreed upon at the start of the appointment, a decision will be made by the fifth year whether to offer you a permanent faculty position. The TU Delft offers a customisable compensation package, a discount for health insurance and sport memberships, and a monthly work costs contribution. Flexible work schedules can be arranged. An International Children's Centre offers childcare and an international primary school. Dual Career Services offers support to accompanying partners. Salary and benefits are in accordance with the Collective Labour Agreement for Dutch Universities. The TU Delft sets specific standards for the English competency of the teaching staff. The TU Delft offers training to improve English competency. Inspiring, excellent education is our central aim. If you have less than five years of experience and do not yet have your teaching certificate, we allow you up to three years to obtain this.

Information and application

For more information about this position, please contact Prof. A. Hanjalic, phone: +31 (0)15-2783084, e-mail: a.hanjalic@tudelft.nl. To apply, please e-mail your application letter, curriculum vitae, list of publications, research and teaching statements and the names of three references by **1 September 2017** to Mrs. A.J. Prummel, Hr-eeemcs@tudelft.nl. When applying for this position, please refer to vacancy number EW12017-14.