



Zurich, 12.04.2019

## Job Offer

### **Autonomous Film Colors in Animation and Digital Film Production**

**Grant from the Swiss National Science Foundation 2019–2023**

By Prof. Dr. Barbara Flueckiger, Professor, Department of Film Studies, University of Zurich, Switzerland

In March 2019, I was awarded an SNF Grant by the Swiss National Science Foundation for the research project *Autonomous Colors in Animation and Digital Film Production*. The project explores the relationship between technology and aesthetics of film colors with a new interdisciplinary approach, see abstracts of my running projects in the *Research Database* of the University of Zurich: <http://www.research-projects.uzh.ch/a464.htm>

The new research project focuses on an intercultural comparison between European, American and Asian – especially Japanese – production. Methodically, the project follows the computer-aided analysis of film colors with Digital Humanities tools, which are currently being developed in research project ERC Advanced Grant *FilmColors* (<http://www.research-projects.uzh.ch/p21207.htm>). In the context of *Autonomous Film Colors in Animation and Digital Production*, these approaches are adapted and significantly extended to the requirements of the research question by machine learning.

Currently we are hiring:

### **One PhD student with a master's degree in Film Studies for the investigation of film colors in digital production**

#### **Requirements**

- The candidates hold a master's degree in Film Studies with a focus on film aesthetics or digital film technology or film history (non-Swiss degrees have to be checked for compliance with the University of Zurich's requirements).
- She or he is well-versed in the aesthetic analysis of films and have an excellent sense of aesthetic details.
- Previous analyses of film colors is a plus.
- She or he has an excellent technical understanding and a pronounced interest in film technology.



- He or she has at least good passive knowledge of German. Excellent knowledge of English. French would be an asset.
- A special focus in Chinese or Japanese film production would be greatly appreciated-
- Willingness to work in an interdisciplinary team.
- Communication skills.

### **Scope**

The scope of this position is to investigate the technology and aesthetics of film colors, and to analyze a large group of films in collaboration with the other team members. The research focuses on digital production with the analysis of at least 60 digitally produced or post-produced films from the period 2001 to 2018 from Europe, Asia and the USA.

Furthermore, the applicants are expected to complete their PhD thesis at the University of Zurich within four years.

### **Employment**

The applicants will be employed by the University of Zurich. Salary and social benefits are in accordance with the university's rates.

Work place: Zurich, Switzerland

Period: From May 2019 to end of January 2023

Further information about the project and its details will be available to selected candidates only.

### **Application**

Please send your application (German or English) in one single PDF file (smaller than 10 MB) to my Scientific Research Manager Dr. Evelyn Echle (evelyn.echle@uzh.ch), subject "Autonomous Film Colors", Deadline: April 20<sup>th</sup>, 2019

- letter of motivation
- CV
- certificates / diplomas
- publication list (if existing)
- references in relation to the offered position



Prof. Dr. Barbara Flueckiger, Professor, Department of Cinema Studies, University of Zurich

<http://www.film.uzh.ch/team/people/flueckiger.html>, Timeline of Historical Film Colors:

<http://zauberklang.ch/filmcolors/>