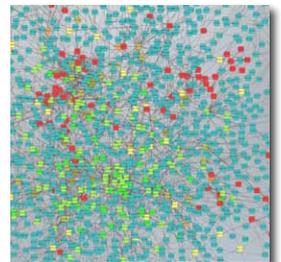


# Vienna Research Groups for Young Investigators

## Call 2016

The seventh **Vienna Research Groups for Young Investigators** call 2016 is issued for one position.

- It addresses Vienna-based universities and research institutions that intend to hire an excellent young researcher from abroad for the set-up and management of an independent research group. Active recruitment procedures are mandatory.
- Proposals must address substantial state-of-the-art scientific research questions in the field of complexity science.
- WWTF encourages Vienna-based research institutions to propose women who show potential to act as group leaders.
- WWTF takes unconventional research careers into consideration.
- WWTF in total grants one position and up to € 1.6 million for six to eight years.



**Please submit proposals by 2 pm, July 14, 2016.**

**All interested parties are cordially invited to an open Proposers' Day on April 6, 2016, 10 am - 12 noon, at WWTF, Schlickgasse 3/8, 1090 Wien.**

Detailed information is available online at [www.wwtf.at](http://www.wwtf.at)

**Contact WWTF**  
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**>> More details  
on the reverse side**

W|W|T|F

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WIEN KULTUR

# WWTF Vienna Research Groups for Young Investigators Call 2016

## "Complexity Science"

### Focus and Key Facts

#### Main characteristics of a Vienna Research Group:

- A Vienna Research Group is typically the **first "genuine" group** led by a young researcher who undertakes leadership responsibility for several group members. It enables the group members to take the next step in their careers.
- Vienna Research Group leaders are usually **two to eight years** after PhD; care duties may extend this period up to four years.
- Vienna Research Group leaders are **independent** in designing their research and recruiting their staff.
- The prospective host institution in Vienna provides a **clear-cut career plan**. Particularly in the second phase (i.e. years 6, 6-7 or 6-8) the home institution supports the Vienna Research Group by way of **increased contributions** (in addition to the WWTF funding).

#### Complexity Science ...

- concentrates on complex adaptive systems and is interested in dynamic and structural properties (self-organisation, adaptation and emergence, typology and its evolution)
- tries to understand how complex systems behave
- is interdisciplinary / multi-disciplinary
- is driven by new challenges and demands in technology and by the availability of computing resources with sufficient power to model large scale complex systems
- has to be quantitative, predictive and testable
- includes social, biological or technological systems
- requires mathematical knowledge and methods as prerequisite (proven by the group leader's publication record)
- covers a broad range of fields: biology, life sciences, social sciences, ICT, computational science, physics, economics, political science, mathematics
- has potential for applications
- should add to current activities to strengthen research in this field in Vienna

#### Important facts about the call:

- The call process comprises the submission of a concise proposal and a hearing of selected candidates. Note that this call uses a single stage procedure.
- A job announcement—e.g. in a high impact journal that is relevant for the topic and/or via professional societies/ mailing lists—is obligatory.
- The successful appointment of a woman will be rewarded with a financial benefit for the Vienna host institution in order to support their gender mainstreaming activities. WWTF also offers support in dual career advice.

#### Schedule:

Submission Deadline	July 14, 2016, 2 pm
Hearings & Jury Meeting	December 2016
Announcement of Results	December 2016

For **more details** kindly refer to "**WWTF Funding Guidelines** for the Vienna Research Groups Programme" and to the "**Guide for Writing a Proposal** for the Vienna Research Groups Programme" both available online at [www.wwtf.at](http://www.wwtf.at).

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