

To all
Scientists at KIT

Call for Proposals: “Young Investigator Group (YIG): Green Mobility, funded by the Vector Stiftung” – Renewal of the call with modified conditions

Dear Colleagues, Ladies and Gentlemen,

We are glad to announce the updated call for proposals for a Young Investigator Group focused on green mobility, funded by the Vector Stiftung.

Please note that the following **criteria of the call (see appendix) have been modified:**

- The **application period** has been **extended to two years after completion of the doctoral degree.**
- The **final grade must be handed in until the day of the candidate’s presentation to the council CRY**S (planned for 18/12/2013). If the official document is not issued by that time, the final grade should be confirmed by the academic supervisor (“Doktorvater”).

YIGs serve to **promote young scientists directly after completion of the doctoral degree**, support early **independent research**, and **strengthen the research profile** of KIT. Each YIG-leader can become part of the Young Investigator Network (YIN, www.yin.kit.edu).

Complementary financing of the group’s scientific personnel by the hosting institute is generally required. KIT external and international applicants are explicitly welcome.

The **deadline** for submission of proposals is

Monday, 02nd December 2013

Proposals may be submitted **until 3 p.m. at the latest** on that day to the Research Office (Forschungsförderung), 416, building n° 01.85; 4th floor, KIT Campus South. Alternatively, they can be sent via internal mail (“Hauspost“) to: Dagmar Seelig, Forschungsförderung (FOR), KIT Campus South. Additionally, the proposal has to be submitted by e-mail: dagmar.seelig@kit.edu. **Please note:** Applications with an incomplete documentation or submitted too late cannot be considered. Therefore, please follow all guidelines describing the application procedure **on the following pages**.

The oral presentations of the proposals are planned for **18th December 2013, between 5-8 p.m.** Please mark these date. The beginning of funding is planned for the first quarter of 2014.

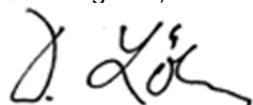
For **further information on the necessary application documents and details of the program**, please refer to the **following pages**.

Kindly pass on this information to all eligible scientists at your institution as well as to potentially interested external scientists.

KIT strives to **promote women in science** and therefore encourages in particular female scientists to apply.

In case of further questions, please contact Dagmar Seelig (dagmar.seelig@kit.edu, phone +49 (0)721/ 608-48440).

Best regards,



Prof. Dr.-Ing. Detlef Löhe
Vice President Research and Information

Enclosure

1) “Young Investigator Group (YIG): Green Mobility, funded by the Vector Stiftung”¹

1. Objective: YIGs serve to **promote young scientists**, support early **independent research**, and **strengthen the research profile** of KIT. The funding measure offers young scientists directly after **completion of the doctoral degree** the possibility to **gain first experience in the establishment and leadership of a group** at an early stage of their career. Each YIG-leader can become part of the Young Investigator Network (YIN, <http://www.yin.kit.edu/english/index.php>). For a list of YIGs already established, please refer to <http://www.kit.edu/research/5602.php>. A teaching activity of 2 SWS is usually required.

A declared major aim of the Vector Stiftung is the promotion of young scientists. The trust focuses on **eco-friendly and sustainable mobility** (please see <http://www.vector-stiftung.de/Stiftungszweck.html>). Therefore, the YIG jointly established with KIT addresses young investigators who focus on the field of green/ sustainable mobility. The planned YIG should ideally contribute to the activities of the *KIT-Center Mobility Systems* (please see <http://www.kit.edu/research/6720.php>). The *KIT-Center Mobility Systems* pools the vast competencies and resources of about 37 KIT-institutes in the field of ground-based traffic to develop multi-disciplinary solutions for tomorrow’s mobility, in particular the transportation of passengers and goods. The clustering of research activities in the field of mobility systems considerably strengthens the large innovation potential of KIT.

2. Funding: The YIG jointly established by the Vector Stiftung and KIT is granted **funding of 80 T€a for personnel and material costs** for a **period of four years**, as well as a **once-only payment of investment funds amounting to 50 T€**. First of all, the funding does not focus on financing a postdoctoral position but on enabling first experiences **in the establishment and leadership of a group**. Therefore, a **complementary financing of the group’s scientific personnel by the hosting institute** (from the institute’s budget or from third-party funding) **is generally required**. This may be provided, for example, in the form of financing the group leader’s position or one or more additional employees (with university degree). It is recommended to consider the DFG staff cost rates (http://www.for.kit.edu/int_personalkostensaetze_DFG.php) when drawing up a cost plan. The planned establishment and development of the group have to be elaborated on within the proposal. The group is expected to raise additional third-party funds during the funding period.

3. Eligibility criteria: Eligible applicants are young scientists who **focus their scientific activities on the area green mobility** as well as **completed their doctoral degree with excellence**, and/or achieved excellent results in the course of their studies and/or have possibly been granted awards and grants.

The date of the oral doctoral examination must not date back more than two years by the closing date for application (parental leave will be taken into consideration).

The oral doctoral examination must have taken place, the thesis assessed and the final grade handed in in writing on the day of presentation to the council CRYC (planned for 18/12/2013). If the official document is not issued by that time, the final grade should be confirmed by the academic supervisor (“Doktorvater”).

In order to attract best talents and to foster internationalization of KIT, proposals of KIT external and international applicants are explicitly welcome.

¹ Please note that in case of doubt, the German version of the call will prevail.

4. Procedure:

1st step: Submitting the Proposal: Proposals **should not exceed 3 pages** (cover sheet and appendix not included) and should consist of the following parts:

- a) **Cover sheet, incl. abstract:** Name of the funding instrument (in this case „Young Investigator Group (YIG)“), title of the YIG, full contact details of the applicant – academic title, first and second name, institute, email, telephone, fax; abstract (max. ½ page);
- b) **Outline of the YIG’s planned research programme:** Describe the development prospects or potential application(s) in the future; put your work into context to the research of currently most important KIT external research groups; Description of how the planned scientific activity fits in with the issue green mobility.
- c) **Statement on how the topic fits into the Competence Portfolio of KIT:** Allocation to one or several competence fields; preceding work at KIT (if applicable); planned integration into the KIT-Center Mobility Systems;
- d) **Own preliminary work** of the applicant; If applicable: brief overview and list of the most important publications (max. 5)
- e) **Brief statement on the planned career path** including a statement on how experiences in staying abroad have been gained already and/or (as generally recommended) a subject-oriented research stay abroad is planned during the funding period of the YIG. If a research stay abroad is already planned during the funding period, please briefly outline the reasons for going abroad and how the supervision of your group will be guaranteed during that time.
- f) **Cost plan:** Give information about the planned use of the budget; It is recommended to consider the DFG staff cost rates (http://www.for.kit.edu/int_personalkostensaetze_DFG.php).
- g) **Short statement on how the group will be established and developed.** Possible models might be a) co-financing of the group leader’s position by the hosting institute, b) financing of one or more additional employees by the hosting institute as well as c) financing of additional scientific staff by acquisition of third-party funds / scholarships.

Please **attach** the following documents:

- h) **CV and relevant certificates**
- i) **Statement of the head of the relevant KIT institute:**
 1. about the possible complementary financing of the group members by the hosting institute, e.g. in form of a) financing of the group leader’s position or b) of one or more additional scientific employees (e.g. position or scholarship; from the institute’s budget of third-party funding)
 2. that **all necessary infrastructure (office space, technical equipment, etc.) is available;**
 3. about the **guarantee of the scientific independence** of the applicant.
- j) **Copies of all under d) listed own publications (max. 5).** At time of application all listed publications have to be at least submitted. Listing of planned publications is not allowed.

2nd Step: Oral presentation to the members of CRYs (planned for 18th December 2013). In case of negative evaluation, the applicant will be informed,
In case of acceptance:

3rd Step: Decision of the KIT Executive Board and allocation of funds. If applicable, admission to the Young Investigator Network (YIN, www.yin.kit.edu; on request of the applicant to YIN).

5. Formal Requirements

- **One set of easy-to-copy documents:** unstapled, not bound
- **In addition via email as one single pdf (without copy protection):**
the data files must be named consistently, following the general pattern:
<<YIG_name of applicant_proposal_appendix>> (e.g.: YIG_JohnDoe_proposal_appendix)
- **Language:** English or German
- **Layout:** DIN A4, Arial 11 pt., all margins: 2.5 cm.

6. Submission

Personally to: Karlsruhe Institute of Technology
Research Office/ Forschungsförderung (FOR)
z. Hd. Dagmar Seelig
(room 416, 4th floor, building 01.85, Campus South)
Fritz-Erler-Str. 1-3
76133 Karlsruhe

Or via mail (external or internal) to: Karlsruher Institut für Technologie
Forschungsförderung (FOR)
z. Hd. Dagmar Seelig
(Raum 416, 4. OG, Geb. 01.85, Campus Süd)
Kaiserstraße 12
D-76131 Karlsruhe
Germany

In addition via e-mail to: dagmar.seelig@kit.edu

7. Checklist – Necessary Documents YIG

Proposal (in both analog and digital form):

- a) Cover sheet, including abstract
- b) Outline of the YIG's planned research programme
- c) Statement on how the YIG fits into the KIT Competence Portfolio and on planned integration into the *KIT-Center Mobility Systems*
- d) Own preliminary work
- e) Brief statement on the planned career path
- f) Cost plan
- g) Short statement on the group's establishment and development

Appendix (in both analog and digital form):

- h) CV and relevant certificates
- i) Confirmation of the head of the relevant institute
- j) Copies of all under d) listed own publications (max. 5)