

IWR Innovation Award in Scientific Computing for the Cultural Heritage

1 Goal and Intention

The *Innovation Award in Scientific Computing for the Cultural Heritage* is a scholarship program directed at students from Cambodia working in any field of research related to the Angkor Project Group (APG). The APG is situated at the Royal University of Fine Arts (RUFA) at Phnom Penh and the Interdisciplinary Center for Scientific Computing (IWR) at the University of Heidelberg. The goal of this sponsorship is to encourage students from Cambodia to investigate a specialized topic of their area of expertise and plan and undertake a limited research project on their own.

As a subsidy to the cost of living, the scholarship is understood as a partial support for the student to pursue his or her research. In this intention the research project is restricted both in time and intensity and thus should not interfere with the regular studies of the student during this period.

It is understood by the granting body that the research project of the stipend is governed by the time constraints of a full study undertake in a Cambodian university. The main purpose of the scholarship is to intensify the scientific and cultural dialog between Cambodia and Germany and to enrich the life experience of the scholars and their surrounding cultural area of life.

2 Sponsoring Guidelines

2.1 Duration of Sponsoring

The duration of scholarship is either 6 or 12 months, depending on the applicant's choice. The project outline should give a clear indication of the intended duration of the project. The amount of research that is part of the project and the personal and social circumstances of the scholar will be taken into account when judging the project application.

2.2 Amount of Sponsoring

The *Innovation Award in Scientific Computing for the Cultural Heritage* is paid as a subsidy to the cost of living for the scholarship holder. The amount of sponsoring depends on the length of the project: for a 6-month project, the regular sponsoring is US\$ 30/month; for a 12-month project, the regular sponsoring is US\$ 30/month for the first 6 months and US\$ 50/month for the rest of the sponsoring period. The scholarship is targeted at individual scholars and cannot be paid for groups.

2.3 Exclusion Criterion

Content of the regular curriculum of the university of the applicant are not allowed to be part of the scholarship project. This includes any courses or practicals for which the applicant either receives a grade or which are a mandatory part of the applicant's course of studies. This includes a diploma thesis or equivalent.

3 Project Guidelines

3.1 Volume

The IWR stipend is meant as a compensation for a possible part-time job that the applicant might otherwise take to support his or her study. The project should thus be outlined to have a volume of about 4 hours/week for the duration of the scholarship. This timeframe is meant as a mean value over the course of the project - the planning of progress and working periods are up to the applicant and may be clustered together or spread apart, fitting to the needs of the scholars regular studies.

3.2 Topics

The topics of the project should come from the areas of research of the joint Cambodian-German Angkor Project Group of IWR and RUFA. They may include research in architecture, scientific computing, archeology and any other of the natural sciences or the humanities, that can be regarded as a supporting research of the APG.

The applicants are advised to contact a lecturer of either research institute involved in the APG to function as a patron of the scholarship project. Lecturers volunteer to help in selecting a topic of an appropriate subject and assist in the definition of a proper project volume.

3.3 Contact to the APG

Although group applications cannot be considered for the IWR stipend, projects involving the cooperation between two or more students of the APG are encouraged. Those students may or may not be scholars themselves. For this reason, the IWR stipend is not bound to a special timeframe during the course of the year. This makes it also possible to bind the late period of one scholar's project to the early period of another scholar's project. Applicants are strongly advised to build up contacts to other people working in the APG.

4 Application and Documentation

4.1 Form and Content of Application

The application for a scholarship can be handed in at any time of the year. It will be evaluated and decided upon within six weeks of the application date. A full application must include:

- A short curriculum vitae (CV) of the applicant
- An outline of the project together with a set of research goals (2-3 pages)
- A milestone planning for the first half of the scholarship with a short justification of the intended time frames (1 page)
- A declaration by the student stating that the topic of the project does not interfere with the scholarship guidelines (see 2.3)

The application must be handed in either via E-mail with accompanying FAX or in paper (3 copies) to:

Angkor Project Group Prof. H.-G. Bock IWR, INF 368 69120 Heidelberg Germany email: bock@iwr.uni-heidelberg.de
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4.2 Legal Process

Any applications are judged by the *scholarship committee* situated in Heidelberg. The members of the committee are appointed by the managing director of the IWR. The decision by the scholarship committee is final and cannot be appealed by legal action. Every applicant sending in an application complies himself or herself to the ruling of the committee and these guidelines. A legal challenge of this process is excluded.

4.3 Documentation

Scholars are obligated to hand in a project report within three month after the end of the project. For a 12-month scholarship, a midterm report outlining the progress of the project is mandatory after 6 months of funding. Failure to hand in these reports might result in the scholarship committee considering revocation of the scholarship and redemption of fees already paid.

The final report should summarize the flow of the project and the main results of the work. It should contain pictures, software and other material to illustrate the research work undertaken by the scholar and the findings that were achieved. Outlining the project results on a webpage of either the RUFA or the IWR webserver is strongly encouraged.