International mathematics doctoral program at TSU: Budget

M. Bakuradze, R. Botchorishvili, U. Goginava, R. Meyer, I. Witt ${\rm June}~15,\,2016$

Category	amount [€]
brief visits among the partners	17500
working space for doctoral students	27000
internet page for doctoral program	2000
contacts to industry and commerce	13100
translations	2000
accreditation	1400
total	63,000

International mathematics doctoral program at TSU: Budget justification

M. Bakuradze, R. Botchorishvili, U. Goginava, R. Meyer, I. Witt June 15, 2016

Most of the expenses will be in Georgian Lari. The Lari fell from $0.45 \in$ to $0.42 \in$ within the last year. We have calculated with last year's exchange rate of $0.45 \in$ to be on the safe side.

1 Brief visits among the partners

The project partners from Tbilisi and Göttingen should meet to discuss in greater detail how the doctoral program in Göttingen works and how the doctoral program in Tbilisi should be improved. Visits from the partners in Tbilisi to Göttingen offer the opportunity to

- take part in a live thesis defense (at least the public parts);
- discuss with some of the doctoral students in Göttingen about their experiences;
- learn about the collaboration between university and non-university institutions in the Göttingen Campus; and
- visit the job fair for students of Göttingen university.

Visits from the partners in Göttingen to Tbilisi offer the opportunity to

- discuss directly with current doctoral students at TSU and to incorporate their ideas and problems, in particular, regarding the planned scientific events;
- explain proposed changes to representatives of the central administration of TSU;
- discuss with employers and internship providers to advertise the new program.

In one visit to Göttingen, the delegation should also include one or two members from the university administration, who must support the changes we intend. We plan two visits from Tbilisi to Göttingen with five and three persons, respectively, probably in November 2016 and in June 2017, and one visit from Göttingen to Tbilisi with two persons in May 2017.

For one person to visit, we expect costs of $750 \in$ for travel (airplane, train, bus) plus $100 \in$ /day for local expenses. This amounts to $1750 \in$ for a 10-day visit, and $17500 \in$ for ten persons travelling.

2 Working space for doctoral students

The working space for the doctoral students needs to be renovated and equipped to make it useful. We expect the following costs: $14\,500\,$ € for renovation, $2\,500\,$ € for furniture for the seminar room (tables, chairs, blackboards), and $10\,000\,$ € for computer equipment (10 computers, 2 printers, a scanner and a video projector for the seminar room). In total this will be $27\,000\,$ €.

3 Internet page for the doctoral program

We expect costs of $2000 \, \in$ for designing the web page of the doctoral program. The job fair should be combined with a job portal for STEM students (science, technology, engineering and mathematics). We want to integrate this with our doctoral program page to make our new program more visible.

4 Contacts to industry and commerce

We need to hire a person who is in charge of building up our contacts to potential employers, organising the job fair (with help from the TSU's career service) and soliciting internship proposals from companies. This person will cost $1\,000\,\text{GEL}$ or $450\,\text{C}$ per month, amounting to $5\,400\,\text{C}$. We expect costs of $2\,000\,\text{C}$ for marketing materials for the job fair, such as leaflets, invitation letters, and a booklet.

We do not yet know whether the companies will suggest more complex problems for internship projects and how many it might be. Each of these projects should have a mentor among the faculty, who makes sure that the problem is sufficiently well formulated and doable and advises the students working on it. This may be a rather complex task, and to get the most qualified faculty to do this, an adequate remuneration is needed. An adequate amount for being a mentor of a successful and complex internship project may be $2\,500\,\text{GEL}$: this is the amount that faculty members get for "extra" publications in good journals. If things go very well, there may be five such internship projects. Hence we apply for $5\,700\,\text{C}$ (corresponding to $12\,500\,\text{GEL}$) for the mentoring of doctoral students working on complex internships projects.

This leads to a total of $13\,100\,\text{C}$ for building up our contacts to industry and commerce.

5 Translations

The general rules for doctoral studies in the natural sciences in Göttingen are already available in an English translation. Specific rules of the mathematics program are only

available in German and should be translated to English, so that the applicants at TSU can understand the doctoral study regulations in Göttingen in detail. The study regulations for the program at TSU will initially be developed in English and have to be translated to Georgian for the university administration and the ministry.

We expect translation charges of $10 \in$ per page, amounting to $2000 \in$ for 200 pages to translate.

6 Accreditation charges

The Ministry of Education of Georgia requires $3\,000\,\mathrm{GEL}$ or $1\,400\,\mathrm{C}$ for accrediting a doctoral study program. This is needed both for a new program and for significant changes to an existing one.

Georg-August-Universität Göttingen Fakultät für Mathematik und Informatik

Prof. Dr. Ralf Meyer



Prof. Dr. Ralf Meyer, Bunsenstraße 3–5, 37073 Göttingen

Volkswagen Foundation Caucasus program

Göttingen, June 15, 2016

International mathematics doctoral program at Tbilisi State University

Dear Mr. Nöllenburg,

together with my colleague Ingo Witt in Göttingen and Ramaz Botchorishvili, Malkhaz Bakuradze, and Ushangi Goginava in Tbilisi I have developed a sketch of how to implement an international mathematics doctoral program at Tbilisi State University. We expect this project to run for one year from October 2016 until October 2017, when we hope that funding from the next call of the Volkswagen Foundation for structured doctoral programs will become available.

Yours sincerely,

Prof. Dr. Ralf Meyer

International mathematics doctoral program at TSU: Modified schedule

M. Bakuradze, R. Botchorishvili, U. Goginava, R. Meyer, I. Witt July 14, 2016

1 Modified schedule

We have learnt that the current call should, as a rule, be for projects running until April 2017. We have modified our time schedule to take this into account. Most of the expense will indeed occur before April 2017. We ask, however, that we may spend some of the money for contacts to industry and commerce until October 2017, see Section 4.

1.1 Brief visits among the partners

The budget is not changed, only the schedule is changed: The planned visits to Göttingen should take place in November 2016 and shortly before the deadline for the full application; the visit to Tbilisi is planned in the beginning of 2017.

2 Working space for doctoral students

This part of the project was scheduled, anyway, to be finished by April 2017, so there is no need to change budget or schedule.

3 Internet page for the doctoral program

The internet page should also be set up by April 2017.

4 Contacts to industry and commerce

The efforts to establish better contacts to industry will tell us whether and how we can ensure that doctoral students in our new program have good non-academic employment options. But to gain any insight, there should be something concrete on the table to discuss with companies. The STEM job fair and the collection of internship projects serve this purpose, so they are useful for us to develop the full application to be submitted in

April 2017. They are also useful in their own right, and it would be harmful to discontinue such measures in April 2017 to wait for a full application to be approved.

Therefore, we ask that we may still spend up to $8\,000\,$ from this part of our budget between April and October 2017.

5 Translations and accreditation

The new international doctoral program must be submitted for accreditation by February 2017. The translation and accreditation charge will be needed before that time, so there is no change in schedule or budget here.

International mathematics doctoral program at TSU: Project description

M. Bakuradze, R. Botchorishvili, U. Goginava, R. Meyer, I. Witt June 15, 2016

1 Selection of the project participants

The project participants R. Meyer and M. Bakuradze have already worked together in previous joint research projects funded by the Volkswagen Foundation, namely, the Georgian–German Algebraic Topology Partner Group, Ref. I/84 328 and 85 989. This led to cooperation in the education of doctoral students. The two mathematics students M. Svanadze and G. Nadareishvili from TSU finished their doctoral degree in Göttingen, supervised by I. Witt and R. Meyer, respectively. Three more doctoral students from TSU are currently completing their studies in Göttingen, two supervised by R. Meyer and one by Ch. Zhu. In addition to experience with Georgian doctoral students, I. Witt and R. Meyer also contribute some experience with doctoral study programs in Göttingen. I. Witt was speaker of GAUSS, the graduate school for the natural sciences in Göttingen, and R. Meyer was dean of the Faculty of Mathematics and Computer Science and speaker of the mathematics program within GAUSS.

R. Botchorishvili took part in developing and installing double degree programs at TSU together with University Paris 8 and San Diego State University. The doctoral student T. Janelidze at TSU is jointly supervised by him and H. Elbern at the Forschungszentrum Jülich. As dean of the Faculty of Exact and Natural Sciences for the last ten years, R. Botchorishvili has experience with developing, accrediting and running degree programs, and with the administration at TSU.

U. Goginava has long experience of supervising B.Sc., M.Sc. and doctoral degree study programs in Mathematics at TSU. M. Bakuradze has good experience in international collaboration, in particular with the University of Göttingen.

2 Intended changes in doctoral study

2.1 English as instruction language

The instruction language at TSU is currently Georgian, even for doctoral students. There is a precedent of a doctoral student in an international doctoral program in physics at

TSU who could hold the defense in English. In the standard doctoral programs at TSU, the thesis and the defense must be in Georgian. This seems hard to change because of strong opposition in other parts of the university and because many of the older professors are not fluent in English.

The international doctoral program should have only English as instruction language to allow for joint doctoral degrees and international students. It also improves the career chances of doctoral students to be fluent in English.

2.2 Smaller, more flexible study program

The current TSU regulations for the study programs of doctoral students require the same course work of 60 credit points in all subjects; so this does not yet include the mathematics courses that doctoral students in mathematics may want to take. These regulations also apply to cotutelle agreements, so that students aiming for a double degree have to fulfill disjoint requirements from two universities. This is not practical.

In the new international doctoral program, the study program should be reduced to 30 credit points, and the students should, in agreement with the supervisor, be quite free in choosing the courses they need. It should also become possible to count courses at other universities in the study program.

2.3 Admission, supervision, and thesis committees

Currently, a doctoral student is admitted based on an oral interview with an admission committee. Some students choose a supervisor when admitted, some do it later. There are no rules to ensure that supervisors meet their students regularly. The only academic funding for doctoral students are fellowships by the Rustaveli Georgian Science Foundation for 1-year projects. Thus many students need a non-academic job to finance their doctoral studies. The quality of the thesis is ensured mostly by requiring an accepted journal publication before the submission of the thesis. This measure, however, prolongs the doctoral studies, especially in mathematics, where it can easily take more than half a year until a submitted article is accepted by a journal.

Prospective doctoral students should be asked to pick a preliminary supervisor and a rough thesis topic before they are admitted as doctoral students. This helps the student to focus on a research problem and provides a research plan right away, which may be used to apply for fellowships. It should be discussed whether two or one supervisors should be required. There should be mandatory meetings between the supervisor and the doctoral student. Topics for these meetings should include the progress on the thesis and which questions to pursue next, which courses to take, and funding opportunities.

We cannot increase the amount of academic funding. We discuss ideas to improve the access to non-academic funding for doctoral students in §2.7.

The journal publication as a requirement for submitting the thesis should eventually be weakened, when the high standards of the new doctoral program are recognised. A presentation at a conference and an external written referee report on the thesis are obtained more quickly and serve the same purpose. Several details in the regulations should be adapted to make external jury members and cotutelle agreements with other universities more feasible.

2.4 Internet presence of the doctoral program

All information relevant for doctoral students should be available in English and Georgian on a program web page. This should include a list of the current students with their research interests and publications; a list of past students with links to their theses; the relevant study rules and regulations; a calendar of events.

It is important that dissertations are easy to find online. Dissertations currently are in Georgian and are published online by the university library. For dissertations written in English, it makes sense to upload them to the arXiv as a standard procedure, with some exceptions for those who want to publish the thesis as a monograph.

2.5 Working space for doctoral students

It is important for doctoral students to meet other doctoral students to discuss mathematics and to experience that others face similar problems. Currently, doctoral students have no working spaces at the department, and there are no regular events that bring them together. We want to create such a working space for them. There is a preliminary agreement with G. Jaiani, director of the I. Vekua Institute of Applied Mathematics of TSU. He promised that the students could use a number of rooms in his institute of $150\,\mathrm{m}^2$ for offices, a meeting room and a seminar room.

2.6 Regular scientific events

The doctoral students should come together once a week in a weekly seminar, followed by an informal meeting with tea and cookies to discuss among themselves and with faculty members. Such events are all the more important because seminars are currently not part of the B.Sc. and M.Sc. curriculum at TSU.

To increase the number of participants, we want to invite also doctoral students from the other universities in Tbilisi. In particular, the Georgian Technical University currently has 11 doctoral students in mathematics. Together with 15 doctoral students at TSU, this gives a sufficient pool of participants for a doctoral student seminar. The seminar may rotate among the participating universities so that all partners feel valued.

In addition, we plan to establish a series of yearly events that bring together mathematics doctoral students from the Caucasus region. Such meetings are a very important experience for young researchers, but do not yet exist. Given the small number of doctoral students in the region, each event must offer something to most of them, so it cannot be too specialised. A format like the Oberwolfach Arbeitsgemeinschaft seems preferable to a format with invited speakers. The topics should be chosen so that also less advanced students from other areas of mathematics can contribute a talk to the seminar. In addition, these events should offer the more advanced students the chance to present their own research through a poster or a brief presentation.

We hope to have the first such event in the summer or autumn of 2017. Later this year, when the program is ready, we plan to apply for funding for this with the Volkswagen Foundation in the structural measures call.

2.7 Non-academic careers for doctoral students

Doctors in mathematics in Germany easily find a job outside academia. Thus doctoral studies in mathematics are a useful career step also for students that do not aim at a scientific career. In the long run, we want to establish a similar culture in Georgia. This would allow more talented students to pursue doctoral studies in mathematics. On the one hand, we must convince potential employers that it is worth hiring doctors in mathematics. On the other hand, we must convince students that doctoral studies will lead to interesting non-academic career options. Thus we want to bind companies to our program in a way that is useful for them and for our communication with students.

Academic job fairs are useful events to keep up contacts with potential employers. TSU has organised a job fair recently, in which 46 public and private companies and about 5 000 students and alumni took part. Among the participating companies, science and engineering was mostly represented through IT companies. Further work is needed to get more companies to take part in such events. A more specialised job fair for science and engineering students should have a more balanced participation. This seems a good milestone for a one-year project aimed at building up our contacts to potential employers. It is useful in its own right and gives an opportunity to sound out the interests of potential employers. Some aspects of this job fair may be modeled on the established PraxisBörse of Göttingen University, which is a two-day event with one day focusing on science students and one on students in the social science and humanities.

Students should upload application materials in a job portal, which participating companies can read. We plan to combine this job portal with the internet page of the doctoral program because this may save costs and make our new program more visible. There is currently no job portan in Georgia that specialises on highly qualified professionals in science, technology, engineering and mathematics. Depending on the feedback we receive, this portal may be designed to operate permanently, not just for the job fair events.

Another approach we want to try out is to invite companies to propose projects for internships. Most doctoral students have to work part-time anyway for financial reasons. They would certainly welcome paid internships, even if the projects are more programming or simulation exercises. We hope that eventually some of these projects will be of the right complexity for our students to show their abilities, without being too difficult. Such internship projects may be a good way to bind companies to our doctoral program. And they may eventually make companies aware of the value of employees with an advanced scientific training.

It takes a lot of experience, however, to decide how hard a problem is. And translation between mathematics and a real-world problem is often both the first and the most difficult part of a project because it requires knowledge outside the mathematics curriculum. It is likely that most companies do not employ qualified specialists for this. Therefore, for some more complex project proposals there should be an experienced faculty member who first makes the project sufficiently well defined for a doctoral student to work on and then serves as a mentor for the student working on this project to ensure that the project succeeds.

In Göttingen, the B.Sc. program in mathematics has several profiles; the practical one requires a certain number of applied mathematics courses and an internship in a company. Currently, the mathematics programs at TSU contain neither such profiles nor internships. In an ideal world, these make more sense on the B.Sc. level. We want to consider, nevertheless, the idea of a "practical profile" for our doctoral program. It promotes the idea that doctoral studies may also lead to a non-academic career, and it is politically easier to introduce this idea through a small international doctoral program.

The scientific work in the form of a thesis must, of course, remain the crucial part of a doctoral study program, even in a practical profile. We may, however, adapt parts of the study program to the interests of potential employers and, in particular, integrate internship projects of adequate difficulty. These should be more complex problems, and the admission as part of the study program should require a report by the mentor.

3 Schedule and implementation

First we must clarify some more details on the current study regulations in Göttingen and Tbilisi and decide internally on the rules for the new doctoral program. This should be done by December 2016. Then the new program must be accepted by the decision bodies of the university in the following order: Department of Mathematics, Faculty Council, Quality Assurance Service of TSU and Academic Council of TSU. This will take approximately two months, so the program may be submitted for accreditation to the National Centre For Educational Quality Enhancement at the Ministry of Education and Science of Georgia by the deadline in February 2017. The accreditation process will take several months, and the new doctoral program may be accepted by June 2017. This would allow to open an admission call for the new program in July and admit students for the start of term in October 2017. This is also when the new web page of the doctoral program should be fully operative.

Previous attempts to reduce the study program and make it more flexible failed because other parts of the university are interested in keeping the high teaching load for all doctoral programs. A new international doctoral program without these rules is much easier to install. Its success may eventually overcome the opposition in parts of the university against such changes.

The doctoral student seminar will start with the new academic term, assuming that we agree on the program with the colleagues at the Georgian Technical University. The renovation of the work place for doctoral students may begin in October 2016, so that the rooms will be ready by the end of 2016.

Regarding the academic job fair for science and engineering students, we aim at a date in July 2017. This should be fixed at the end of 2016, assuming some important companies have agreed to participate by then. We plan to start asking companies to

suggest internship projects in November 2016. Initially, the main aim would be to help students to find better-paid and more interesting part-time work to fund their doctoral studies. We do not expect companies to submit more complex problems right away. But we frankly do not know how the response will be.

International mathematics doctoral program at Tbilisi State University

M. Bakuradze, R. Botchorishvili, U. Goginava, R. Meyer, I. Witt June 15, 2016

1 Summary

We propose to create an international doctoral program in mathematics at Iv. Javakhishvili Tbilisi State University, briefly TSU, that is compatible with international standards and cotutelle agreements. We also aim at improving the working conditions for mathematics doctoral students at TSU through a dedicated work space and a weekly seminar. These will ensure regular meetings among the doctoral students. A visit at TSU for a few weeks should become a reasonable option for doctoral students, say, from Göttingen with a partner in Tbilisi with similar scientific interests.

Two mathematics doctoral students from TSU have recently finished their degrees in Göttingen, and three more are studying in Göttingen now. It was intended at first that this exchange should lead to double degrees from Göttingen and TSU. This was, however, only carried through by one student. The minimal rules for doctoral programs at TSU require, among others, a thesis and defense in Georgian and the same fixed study program of 60 credits throughout the university. So for a double degree the student has to spend an extra semester or two. Removing the obstacles to double degrees mentioned above seems politically difficult for a standard doctoral program. The rules for "international doctoral programs" are more flexible. Therefore, we aim at establishing a new "international doctoral program" in mathematics.

Whereas in Germany, a doctoral degree is also a good start for a non-academic career, there is currently no such culture in Georgia. Therefore, few students in Georgia aim at a doctoral degree. This makes it harder to organise scientific events for doctoral students. To attract more talented students into our doctoral program, we need non-academic employment options for them. We aim at building up contacts into the local business community to find companies that would be willing to employ mathematics doctoral students, and to find ways of binding them to our doctoral program, so that we may honestly assure students that doctoral studies is a good career choice.



Die Präsidentin Finanzen

Universität Göttingen • Postfach 3744 • 37027 Göttingen

Mathematisches Institut Herrn Prof. Mever Bereich Wirtschaftsplanung und -steuerung Burkhard Melchien

Tel. +49 551 39-4215 Fax +49 551 39-184215 burkhard.melchien@zvw.uni-goettingen.de

Göttingen, 01.11.2016

Ihre Nachricht vom

Meine Nachricht vom

Ihr Zeichen

Mein Zeichen 6121/5110083

Drittmittelbewirtschaftung

Bewilligung der VolkswagenStiftung

Projekttitel: International mathematics doctoral program at Tbilisi State Univ

Aktenzeichen: 92148

Sehr geehrter Herr Prof Meyer,

ich freue mich, Ihnen mitteilen zu können, dass aufgrund Ihres Antrages die VolkswagenStiftung eine Bewilligung ausgesprochen hat. Die Einzelheiten entnehmen Sie bitte dem beigefügten Bewilligungsschreiben.

(1.) "Allgemeines"

Für das Vorhaben wurde von mir für die Laufzeit vom 01.11.2016 bis 30.04.2017 in der Buchhaltungssoftware "SAP" der

Innenauftrag-Nr.: 5110083 (zugehörig zu Ihrer Kostenstelle 511110)

als Buchungsobjekt eingerichtet.

Die Buchungen zum Sach- und Investitionsaufwand erfolgen auf Ihre Veranlassung bei Ihrem Dienstleistungszentrum (DLZ); die Buchungen des Personalaufwandes erfolgen durch die Personalabteilung.

Rückwirkende Umbuchungen sind grundsätzlich nicht möglich und in besonderen Fällen mit mir abzustimmen.

(2.) Zur "Projektdurchführung" kann ich Ihnen folgende Hinweise geben:

a) Mittelanforderungen

Die entsprechenden Beträge bitte ich unter Beachtung der Bewilligungsgrundsätze rechtzeitig anzufordern und als Ertrag bei dem Sachkonto 503500 betr. "Laufende Aufwendungen" und ggf. 509500 betr. "Investitionen" buchen zu lassen.

Vor der Mittelanforderung bitte ich Sie, sich vorab von Ihrem zuständigen DLZ eine Belegnummer geben zu lassen und diese der VolkswagenStiftung mitzuteilen. Gleichzeitig ist die Mittelanforderung im DLZ als Forderung zu buchen, damit der Geldeingang entsprechend der Belegnummer zugeordnet werden kann.

b) <u>Mittelüberwachung/Folgekosten</u>

Die Aufwendungen dürfen die Erträge nicht überschreiten.

Eine Finanzierung von Folgekosten, resultierend aus diesem Vorhaben, kommt seitens der Hochschulleitung nicht in Betracht und ist Angelegenheit der Projektleitung.

Bei dieser Gelegenheit möchte ich auf die Finanzregel Teil B Absatz 4 aufmerksam machen, wonach Defizite bei der Mittelbewirtschaftung von Drittmittelprojekten von der jeweiligen Einrichtung bzw. von der Fakultät auszugleichen sind.

c) <u>Mittelverwendung</u>

Bitte beachten Sie dazu die entsprechenden Verwendungsrichtlinien der VolkswagenStiftung. Sofern die Verwendungsrichtlinien keine speziellen Regelungen enthalten, sind die Finanzregeln der Universität Göttingen, sowie die Verfahrensregeln zu beachten. Diese finden Sie bei der Abteilung Finanzen unter www.uni-goettingen.de/de/22673.html.

Bezüglich der Beschaffung von Gegenständen ist die "Verfahrensanweisung Einkauf" <u>www.unigoettingen.de/de/44081.html</u> einzuhalten.

d) <u>Verwendungsnachweis</u>

Den Verwendungsnachweis bitte ich, mir mit dem Vordruck "Anlage zum Verwendungsnachweis" (http://www.uni-goettingen.de/de/24128.html) bis zum 30.06.2017 zur Prüfung und Weiterleitung an die VolkswagenStiftung vorzulegen.

(3.) Fehlende Unterlagen/Informationen

Für Ihr Projekt wurde von mir eine elektronische Drittmittelakte angelegt, in die Sie bitte noch Ihren Antrag einstellen.

Ich wünsche Ihnen einen erfolgreichen Projektverlauf und stehe Ihnen für Anfragen zu finanziellen Angelegenheiten gerne zur Verfügung.

Mit freundlichen Grüßen

i. A.

Burkhard Melchien

Anlagen:

Bewilligung der VolkswagenStiftung



Eingang

2 8. Okt. 2016

Mathematisches Institut

Der Generalsekretär

25. Oktober 2016 Az.: 92 148

Universität Göttingen Mathematisches Institut Herrn Prof. Dr. Ralf Meyer Bunsenstraße 3-5 37073 Göttingen

Sehr geehrter Herr Professor Meyer,

ich freue mich, Ihnen im Namen der VolkswagenStiftung folgende Bewilligung mitteilen zu können:

Bewilligungsempfänger:

Universität Göttingen, Mathematisches Institut

Bewilligungsgrundlage:

Antrag vom 15. Juni 2016 mit Ergänzung vom

14. Juli 2016

Bewilligter Betrag:

bis zu 36.000 EUR

(i.W.: sechsunddreißigtausend Euro)

Vorgesehene Laufzeit:

6 Monate

Verwendungszweck:

Vorhaben "International mathematics doctoral

program at Tbilisi State University" gemäß

Bewilligungsgrundlage

Projektbeteiligte:

Prof. Dr. Ralf Meyer, Prof. Dr. Ingo Witt, Universität Göttingen, Prof. Dr. Ushangi Goginava, Prof. Dr. Malkhaz Bakuradze, Prof. Dr.

Ramaz Botchorishvili, I. Javakhishvili Tbilisi

State University, Georgien

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Norddeutsche Landesbank IBAN DE98 2505 0000 0101 0440 06 SWIFT/BIC NOLADE2H



Die Mittel sind für folgende Aufwendungen bestimmt:

Seite 2

Universität Göttingen und Tbilisi State University

Personalmittel

1 Projektkoordinator in Georgien,

5 Mentoren in Georgien 11.100 EUR

Reisemittel

10 Kurzbesuche zwischen den Partnern 17.500 EUR

Sonstige Laufende Sachmittel

Übersetzungen2.000 EURAkkreditierung1.400 EURMarketing für Jobmesse2.000 EURInternetseite2.000 EUR

Insgesamt: 36,000 EUR

Ihrem darüber hinausgehenden Antrag konnte hinsichtlich der Einrichtung eines Arbeitsbereiches für Doktorierende an der TSU nicht entsprochen werden.

Bei den Reisekosten wird vorausgesetzt, dass kostengünstige Flug- und Bahntarife in Anspruch genommen werden.

Die Stiftung ist damit einverstanden, dass nach dem 1. Oktober 2016 entstandene Projektkosten zu Lasten der bewilligten Mittel abgerechnet werden.

Die Stiftung erwartet, dass der Vollantrag in Absprache mit der Leitung der Tbilisi State University entwickelt und ihr – abgestimmt mit anderen an der TSU geplanten Vorhaben zur strukturierten Doktorandenausbildung – als Teil eines Gesamtpaketes vorgelegt wird.

Bitte beachten Sie die beigefügten Bewilligungsgrundsätze. Sie sind Bestandteil dieser Bewilligung und werden mit der Entgegennahme der Fördermittel anerkannt.



Seite 3

Bitte informieren Sie Ihre Projektpartner über den Inhalt dieses Schreibens.

Als Ansprechpartner steht Ihnen Herr Dr. Matthias Nöllenburg (Durchwahl -290, noellenburg@volkswagenstiftung.de) auch weiterhin gerne zur Verfügung.

Die VolkswagenStiftung wünscht Ihnen für Ihr Vorhaben viel Erfolg!

Mit freundlichen Grüßen in Vertretung

Hewite Holeraun

Dr. Henrike Hartmann