Zoom to Two TUBITAK Programs

Open Call for Proposals
EU 7TH FRAMEWORK - TUBITAK - SAN-TEZ - IRG

RGP News

FENS Faculty Member Dr. İsmail Çakmak
Describes his TUBITAK 1007 Project Experience

FENS Faculty Member Dr. Kemal Kılıç
Describes His Application Experience through RGP Office

Latest Research News
1. Zoom to Two TUBITAK Programs

1.1 The Support Program for Scientific and Technological Research Projects (1001)

This program is built to support research aimed at generating new information, engaging in scientific interpretations or solving technological problems within the framework of scientific fundamentals, and projects contributing to advanced technology applications. The purpose of the program is to increase domestic competitive capacities of in prioritized areas on international markets.

Universities, public and private corporations may apply to this program.

Application Deadlines are May and September 1, 2008

The amount of support is max. 120,000 YTL annually and support duration is max. 36 months.

Tips for 1001 Projects

1. PI and all researchers included in the project team should register to ARBİS, Turkish Researchers Database. (For further information on ARBİS & to register please visit: http://arbis.tubitak.gov.tr/pages/bilgipinari/index.htm)

2. The following forms required for a 1001 project application can be reached at the below http://ardeb1001.tubitak.gov.tr/pb/main.htm

- Application Form (Word File)
- Curriculum Vitae (Word File)
- TUBITAK Budget Form (Excel File)
- IP Declaration Form (Should be signed by the research team members)

3. The following documents provide useful information prior to writing a 1001 project:

- TUBITAK Vision 2023 (Should be used in “reaching influence” part of proposal)
- State Planning Organization 9th Development Plan (Should be used in “extensive impacts” part of proposal)
- Jury Evaluation Form (Should be used in all parts of proposal)

4. Abstract should differ from a paper abstract (include projects steps and project team); proposal abstracts should also include information about the originality of the proposal.

5. Budget should be realistic and budget justification should be added in the financial plan extensive impacts, and the management plan. RGP may offer you a template table for a 1001 project budget justification.

6. To submit the proposal, PI needs to login with his/her ARBİS account. http://ardeb1001.tubitak.gov.tr link can be used to start the submission process, after completing submission of the proposal via Electronic Submission Service, the researchers can access the signature pages.

7. In the final step, the printout of the proposal signature pages should be sent -with PI’s initials- to TUBITAK by RGP Office.

1.2 Support Program for Research Projects of Public Institutions (1007)

This program is for public institutions and is designed to solve their problems or satisfy their requirements by means of R&D projects. Acting as "Customer Institutions", public institutions can propose projects in which universities, private firms or public R&D institutions act as "Project Executors". The projects proposed are assigned to one of the following units according to the scope of the project:

1. Public Research Grant Committee (KAMAG)
2. Defence & Security Technologies Research Grant Committee (SAVTAG)
3. Space Research Grant Committee (UZAG)

Application deadlines for 2008 is August 29.

There is no budget limit.

Maximum support duration is 48 months.

For further information please visit: http://www.tubitak.gov.tr/home.do?sid=370&pid=364
## 2. Open Call for Proposals

### European Research Council (ERC)

**Call Title:** Call for ERC Advanced Grant (Life Sciences) Identifier: ERC-2008-AdG_20080422  
**Deadline for Submission:** 22 April 2008

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### People Specific Program

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### Capacities Specific Program

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### Cooperation Specific Program

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### Support for the coherent development of research policies
### TUBITAK

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<td>Patent Application Promotion and Support Program (1008)</td>
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### INDUSTRY THESIS (SAN-TEZ)

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### SABANCI UNIVERSITY INTERNAL RESEARCH GRANTS (IRG)

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### 3. RGP News

**Proposals and Activities of RGP Directorate in January, February and March 2008**

The RGP Office has processed 18 proposals for the following sponsoring agencies from January through March 2008.

- 1 proposal for European Union Lifelong Learning Program / Jean Monnet Program
- 1 proposal for TUBITAK Support Program for the Initiative to Build Scientific and Technological Cooperation Networks and Platforms (1301)
- 2 proposals for TUBITAK Support Program for Research Projects of Public Institutions (1007)
EU FP7 'Ideas Specific Program' Information Day
EU FP7 'Ideas Specific Program' Information Day was held on February 8, 2008 in the RGP conference room. Dr. Nilay Papila provided information for the faculty members who had applied for the Program for the February 28th deadline.

EU FP7 'Capacities Specific Program' Information Day
EU FP7 'Capacities Specific Program' Information Day was held on January 30, 2008 in the RGP conference room. Dr. Nilay Papila provided information for the faculty members who had applied for the Program for the March 14th deadline.

TUBITAK 'COST, EUREKA and International Cooperation Programs' Information Day
TUBITAK 'COST, EUREKA and International Cooperation Programs' Information Day was held on January 9, 2008 at Sabancı University in cooperation with the TUBITAK. Ms. Ayşe Sayın, TUBITAK COST Program Specialist and Mr. Hüseyin Gören, EUREKA National Coordinator gave information on COST, EUREKA and International Cooperation Programs. For presentations please visit:

- EUREKA Presentations
- TUBITAK COST Presentations
- TUBITAK International Cooperation Programs Presentations

Meetings and Events of RGP Directorate in January, February and March 2008

- 1st ORENĐ Gaziantep Industry Exposition, Gaziantep, Turkey, March 20, 2008. Dr. Cemil Arıkan, the RGP Director, made a presentation on 'Innovation and Nanotechnology for Industrial Competition'.
- Innovation Conference, Kocaeli, January 30, 2008. Dr. Cemil Arıkan made a presentation on 'Meeting for Business' session.
- FP7 ICT Turkey Conference, Istanbul, January 23, 2008. Ebru Ocak attended the FP7 ICT Turkey Conference held at The Marmara Hotel.
- Innovation Symposium, Istanbul, January 11, 2008. Dr. Cemil Arıkan attended the Conference held at Kültür University and made a presentation on National Innovation Initiative.
One Example; Characterization and Application of Compost Material Produced from Istanbul Municipal Waste

In 2006, TUBİTAK has created a new form of R&D funding system for the public projects under the umbrella of “1007”. The objective of these projects is to come up with solutions to public problems. In the meantime, the penetration of R&D activity into governmental institutions is also expected. The governmental organizations such as ministries, municipalities and the public companies can apply for the funds. The applicant institutions can form R&D teams including public or private universities as well as private companies.

The Project proposal can not only include the funding for the research and development activity but the formation of a research center. There is actually no given limit for the project budget. The scientific and technological competency of the Project team is one important condition in successful applications. One additional requirement for this type of project is the agreement on the implementation of the project results by the public organization when project is finished.

The projects are submitted in a detailed format, and invited to be presented to an expert panel assigned by TUBİTAK. Project teams have opportunity to present and defend their projects in front of the expert panel. Scientific evaluation and decision-making processes on a project are generally completed within 6 months. The developments in funded Projects are reported by regular progress reports submitted twice a year. In addition, a project referee is assigned by TUBİTAK who visits the locations of the project and discuss the on-going research activities of the project together with the project team members before approving the release the budgeted funds for the given 6-months period.

Currently, there is only one approved and on-going “1007 project” that is scientifically coordinated by Sabanci University. The title of the project is: Characterization and Application of Compost Material Produced from Istanbul Municipal Waste that has been started in July 2006 and briefly described below:

The continued urbanization and industrialization generate serious environmental problems. The environmental pollution is created especially in the form of municipal and industrial wastes. The conversion of such solid wastes from residential areas into environmentally acceptable products to be used in land application is a high priority research area and a critical issue for sustainable development. In Istanbul metropolitan area, nearly 14,000 tons of municipal solid waste (MSW) is collected daily and about 430 t day-1 of MSW is processed for composting at the composting plant of Istanbul Municipality. The produced MSW compost is currently being used mainly for landscape fertilization purposes. Composting is a recycling process of municipal waste to obtain an ecologically suitable and beneficial material that can further be used as soil amendment. It has high potential to improve soil fertility leading to better plant growth and yield, especially in soils having adverse chemical and physical conditions.

In this project, the compost material produced from municipal wastes of Istanbul is being evaluated for its suitability as an organic fertilizer for agricultural production and recreational lands by considering environmental and sanitary standards. The on-going trials indicated that the application of the MSW compost into soils with reduced mineral fertilizer treatments is beneficial in improving plant growth. Particular improvements have been found on zinc-deficient and boron-toxic soil conditions. Field trials in Central Anatolia demonstrated impressive increases in seed zinc concentrations which are generally very low in wheat grown in Central Anatolia. Such improvements in plant zinc nutritional status and seed zinc concentration may have positive impacts on crop production and but also on human health, because zinc deficiency in soils of Central Anatolia is an important constraint to crop production, and the cereal-based foods in Turkey have low zinc concentrations. This compost product has also a great importance for soils which are very sensitive to soil erosion due to their too low organic matter content.

The financial support received from TUBİTAK is nearly 2,100,000 YTL. Istanbul Metropolitan Municipality (İBB), İBB-İSTAÇ A.Ş., Istanbul Technical University, Selçuk University and Ministry of Agriculture and Rural Affairs (Konya-Bahri Dağdaş International Agricultural Research Institute) are the partners of the project consortium. Project is being scientifically coordinated by Sabancı University under leadership of Ismail Cakmak and the Co-PI Levent Öztürk. Istanbul Metropolitan Municipality is the governmental organization which applied the project to TUBİTAK.
through RGP Office

“...I don’t know where to start...”

That was all I could think of before I wrote my first TUBITAK Project. Now I definitely know the answer. I must start at ALP.

This summer, just one week before the deadline, I decided to write a project proposal for the career program of TUBITAK. I only knew what the content of the project should be. However, as you might guess, that’s not enough information if you want to write a project proposal. First of all, your ideas must be written clearly and, secondly, persuasively. Other than the main content which includes the problem statement, relevant literature, the model and proposed solution methodology(ies), the project proposal should also provide sufficient evidence to convince the referees that after it is concluded it will contribute both to the scientific community and public life.

The day I started to write the proposal, I knew that the project would be worth doing. But I didn’t know what I should write to convince the referees. I also didn’t know if I would be able to complete the process in week’s time. I guess it was my lucky day so I decided to go and meet with ALP. The minute the meeting started I was stunned with their efficiency and proficiency.

It was only then that I learned that besides the written content of the proposal, there were also many other supporting documents, such as a copy of my diploma, a supporting letter from the dean and many others items (that I still don’t understand) that had to be pulled together for the proposal. If it hadn’t been for ALP it would have taken me forever to gather all these documents. Thankfully, they did all of that part for me. I also realized that preparing even a simple budget would take too long if you have no experience (or ALP!) to rely on. During the meeting, I just told them what I needed and wanted for the project. They prepared the budget for me. Most projects have similar expected effects on public life. Based on their experience from previous projects, ALP provided me with a template that includes possible things that I could write in order to convince the referees that the public would benefit from the end product of the project. Truth to say, they actually wrote that part of the proposal as well. To sum up, I truly believe that if hadn’t been ALP, I would not have been able to prepare project proposal for the career program this summer; hence I would not have been received the TUBITAK award.

If you think that ALP’s contribution was quite significant during my career project proposal, wait for my second experience...

Two months ago a group made up of two other faculty members and myself began preparing a 1001 project proposal. This time I was experienced. I started at ALP. Again they helped a lot during the development process of the proposal. But their last day contribution was decisive. The deadline of the project was 2.00 PM and I was working hard to finalize the project plan. Around 1.40 PM, I received a call from ALP. They asked me why I hadn’t started uploading the proposal yet. Even though I didn’t ask them to do so, they were monitoring my account and realized that something was going wrong. I told them that I still need some more time to finish the proposal. To be honest, I was thinking of giving up... They told me that they could start uploading the parts that I already finished, convincing me not to give up. Around 2 PM I was in ALP’s office. I also submitted the rest as is, however I was not completely satisfied with those parts. Unfortunately I had no time so I could do nothing more. They called TÜBİTAK in order to learn if deadline could be extended for a couple more hours. It was only then that we learned that TÜBİTAK had already extended the deadline for one more day, but that extension would only be applicable for those who had started to upload before the cutoff. Thanks to ALP, we had started to upload before the deadline! By the next day the proposal was much better and ready to go.

Do you still need a reason to start at ALP?

6. Latest Research News

SU’s TUBITAK Performance from 2004 to 2007

Dr. Batu Erman has been awarded one of the Marie Curie Excellence Awards, the first Turk to receive one of the prestigious prizes since they were established in 2003 as taken from CORDIS websites.
"Dr. Batu Erman left Turkey for the United States after secondary school to pursue a degree in biochemistry and molecular biology at a university in upstate New York. He was drawn there by the prospect of a liberal arts style education, which allowed him to follow courses in subjects like sociology and anthropology alongside biology.

'That kind of education was not possibly in Turkey at that time,' he told CORDIS News on 12 March, adding that the situation is different now, and that these kinds of courses 'greatly enhance the quality of education'.

He did his PhD at Brandeis University in Massachusetts, before heading to the National Institutes of Health (NIH) to do his postdoctoral work. It was there that he started working on T cells, which play a vital role in our immune system.

In 2004, after 17 years in the US, Professor Erman returned to his native Turkey, to take up a position at Sabanci University in Istanbul. His move was made possible by a Marie Curie Reintegration grant from the EU, plus a grant from the Turkish government.

'I always wanted to go back to Turkey but I felt like it would be difficult to do the kind of research that I do, but I guess I took a risk and the risk paid off,' he told CORDIS News. Since his move he has found that with a bit of imagination, he can still do top level experiments.

'I do things that are simpler to do and cheaper to do, because in the United States there's much more research funding and you can do very expensive, very cool, interesting high tech experiments,' he explained. 'But it's possible to do analogous experiments for much cheaper and this is the approach that I've taken and so far it's been working great.'

His move was well timed. 'Right after I left the United States, the funding situation became really bad there,' he says.

Over the past four years, he has succeeded in setting up a successful research programme in T-cell signalling and development. His work focuses on the receptors that control the development, survival and function of T lymphocytes known as 'killer T-cells'. When the signals go wrong, the cells survive and proliferate, resulting in diseases of the immune system.

'Our molecular biology research on T lymphocytes can be characterised as basic research with a view to developing drugs that target immunodeficiency diseases, lymphomas and leukaemia,' explains Professor Erman. 'Our aim is to find novel components of signal transduction pathways which can become targets for drugs.'

His aim now is to produce 'some high visibility, high impact publications from this new scientific centre in the outer regions of the European Research Area'.

Asked how he will spend his €50,000 prize, the professor replied that he hasn't really decided yet, but has several projects in mind. These include expanding his work with science fairs for schools and setting up an EU Researchers' Night event. And of course, some of the money will go towards the costs of running the lab. 'Research is very expensive,' he comments."

The Scientific and Technological Research Council of Turkey (TÜBİTAK) has announced significant financial research support statistics.

SU is now among the first ten universities in TÜBİTAK grant provisions and from 2003 to 2007 such funding increased fifty fold. SU ranks first among all universities in terms of 2007 performance for per faculty member, and second in terms of 2007 proposal success rates.
EU FP7 Marie Curie Initial Training Network (ITN) Program

For those researchers who are considering the submission of a Marie Curie Initial Training Network (ITN) proposal in 2008 or 2009:

The European Commission has decided NOT to publish a call for ITN in 2009. The Commission equally proposes to
transfer a substantial part of the budget for the 2009 ITN call to the budget for the ITN call of 2008. The positive aspect of this transfer of budget is that the success-rate for proposals submitted is likely to be higher than for the 2007 call.

Consequently the next ITN call will then be published in 2010 instead of in 2009. If you intend to submit an ITN proposal, the 2008 call may be your only chance during the coming 2 years.

The Following Documents were Prepared by the EU for Researchers

Guidance notes and templates for Project Technical Review involving Independent Expert(s)
For further information please visit: http://www.fp7.org.tr/tubitak_content_files/285/ICT/Proje_Izleyicileri_Rehberi.pdf
Guidance Notes on Project Reporting
For further information please visit:

Conference on High Impact Collaborative Research/24 April 2008

"Leaders of research projects and of their host organizations face ever increasing pressure to demonstrate the impact and relevance of their research activities and outputs. Two forms of collaborative research are regarded as particularly important means for achieving these goals: international comparative projects, ranging from large-scale surveys to smaller, case study based projects, and co-production research, in which academics and practitioners work in partnership. The conference will address both these forms of collaborative research in management and the social sciences.

The aim of the conference is to promote collaborative research by advising on good practice through presentation and discussion of research policy, case studies and findings from empirical research.

There is no fee, but attendance at this event is by registration only. To register, please send email to Claire Fitzpatrick, Press and Communications Officer on claire.fitzpatrick@wbs.ac.uk. If you have any queries regarding this event, please contact Katy McKen at the University of Bath on 01225 383492, or nskem@management.bath.ac.uk."

7. Upcoming Events

- April 1-4, 2008, Aberdeen, Scotland, “Artificial Intelligence Conference”
- April 2, 2008, Ankara, Turkey, “FABRE TP Meeting” For further information please visit:
  http://www.fp7.org.tr/
- April 7-9, 2008, Innsbruck, Austria, “Workshop on global change and sustainable development in mountain regions”
- April 7-11, 2008, Strasbourg, France, “European Photonics Innovation Village at Photonics Europe 2008”
- April 9, 2008, Strasbourg, France, “OPERA2015 summit meeting: optics and photonics”
- April 10, 2008, Strasbourg, France, “Photonics in Europe meeting”
- April 10-12, 2008, Paris, France, “GA2LEN project conference and patients’ day”
- April 14-16, 2008, Heidelberg, Germany, “Conference on biology and pathology of the malaria parasite”
- April 16, 2008, Hamburg, Germany, “Symposium on synchrotrons and lasers for structural systems biology”
- April 16-18, 2008, Madrid, Spain, “IRE training session on innovation policy”
- April 17-18, 2008, Sofia, Bulgaria, “Conference on urban green spaces”
- April 19, 2008, Paris, France, “Humanities matchmaking event”
- April 23, 2008, Granada, Spain, “Symposium on nutrition and health from pregnancy to adolescence”
- April 24-26, 2008, Budapest, Hungary, “Renewable energy and energy-efficient construction”

8. Editorial

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