

www.siemens.com/innovationthinktank

“Be an inventor opportunity”

Take part in the “Be an inventor opportunity” and get a chance to win a share in a total of € 15,000 and to work with Siemens inventors.

Innovation Think Tank at Siemens Healthcare, Germany, invites you to participate in the “Be an inventor opportunity” with a focus on new ideas/improvements on medical technologies and their supporting infrastructures.

A total of 15.000€ will be awarded and distributed among the finalists based on an evaluation of the innovation camp outcomes by a jury. Depending on the scale of implementation of the final outcomes, a variable compensation will be offered to the finalists at the end of the program.

The top 20 candidates will additionally be offered the “Be an inventor opportunity”, a unique chance to work on real-life problems with Siemens inventors in a highly stimulating environment for a period of three months.

Important Dates:

- Competition starts: December 2011
- Complete abstract and project submission deadline: March 5th 2012
- Declaration of the results: April 2012
- Innovation camp for the top 20 idea providers: 15th June to 15th September 2012, Germany
- Prize distribution ceremony: July 2012
- Farewell: September 2012

Cost of travelling and accommodation along with a stipend will be covered by Siemens for the top 20 idea providers.

Contest Information

Background Information:

Innovation Think Tank at Siemens Healthcare, Germany, invites you to participate in the "Be an inventor opportunity" with a focus on new ideas/improvements on medical technologies and their supporting infrastructures.

Every human being at some point of time needs medical care.

Average life expectancy worldwide will increase to 72 years in 2025 from 46.6 years in 1950. World population will grow from more than 7 billion nowadays to 8 billion by 2025. 95% of the global population growth is taking place in developing countries. The 65+ generation will nearly double worldwide by 2030, from 7% to 12%.

The exponential rise in chronically ill patients (diabetes, chronic heart disease, stroke, etc.) is putting enormous pressure on healthcare systems worldwide. There is a need to think and develop ideas that can help humanity.

The top 20 candidates will additionally be offered the "Be an inventor opportunity", a unique chance to work on real-life problems with Siemens inventors in a highly stimulating environment for a period of three months.

Awards:

A total of 15.000€ will be awarded and distributed among the top 20 finalists based on an evaluation of the innovation camp outcomes by a jury. Depending on the scale of implementation of the final outcomes, a variable compensation will be offered to the finalists at the end of the program.

Possible Submissions:

Ideas can be submitted in one of the following fields, but are not limited to:

- Mechatronic components for medical devices
- Ideas on power and vacuum technologies for X-ray equipment (i.e. CT, angiography and radiography)
- Diagnostic and therapeutic imaging devices and methods
- Ideas for components of imaging devices
- Ideas for infrastructures supporting imaging devices
- Rural care product ideas for developing countries
- Devices for chronic disease management, home care (e.g., blood sugar monitoring, blood pressure monitoring, etc.)
- Cost-effective healthcare business models
- Solutions for an ageing population
- Green innovations
- ...

Requirements for the Participants:

1. The candidates have to be students from any educational discipline (Bachelors, Masters, Diploma, Ph.D.) and have to be registered in an educational institution.
2. The candidates have to confirm that the content of their application is their own intellectual property and that the idea has not been submitted to any other contest.
3. The candidates oblige themselves not to disclose their idea to third parties.

Submission of Ideas:

1. A candidate can submit a maximum of three ideas. Only the ideas received before or on deadline will be evaluated.
2. Ideas can be submitted by teams. The maximum number of participants in a team is three. The prize money will be divided among the three candidates. Each candidate should fill in his/her contribution within the project.
3. The abstract (maximum 500 words) should have the following sections: Problem description, the current state-of-art, a proposal for a solution and the advantages/use (if necessary with a quantitative assessment)
4. The complete project has to be submitted in electronic form and should include details of the prototype/of the idea, implementation steps and a team profile.
5. The complete project report should not exceed more than ten pages.

Please fill out our participation form and send it along with your signed application via e-mail or per post.

Background:

Innovation Think Tank (ITT) is a platform for stimulating interdisciplinary innovations within the Siemens AG. It was founded by Sultan Haider, Siemens' youngest awarded Principal Key Expert, who was honored for this title by the Siemens Healthcare's Executive Committee for his outstanding innovation track record with over 135 inventions to date. Haider heads the ITT organization, which has currently over 3.000 members, and is based within Siemens Healthcare's Business Unit Components and Vacuum Technology in Erlangen, Germany.

ITT is based on the idea of collaborative innovations. Tapping the potential of the existing multi-disciplinary know-how, intercultural diversity, and age diversity (age group 15 to 65) of Siemens worldwide and its partners, ITT solves interdisciplinary problems and generates new ideas. With the regular brainstorming workshop, challenges are offered to the community for discussion. Members can choose as many problems as they want, work in a collaborative way without defined rules and guidelines. Free thinking and knowledge exchange between challenge providers and challenge solvers often lead to unconventional solutions.

Regular "Innovation camps" are based on international competitions with the focus on engineering or strategy. The selected candidates are invited to work in a highly stimulating and innovative environment with Siemens innovators and key experts, creating "out-of-box" solutions.

Abstract/application submission:

The abstract/application/participation form could be sent by email to:

innovationthintank.healthcare@siemens.com

You can also send the CDs or models and the application forms per post to:

Sultan Haider
Head, Innovation Think Tank
Postfach 32 20
91050 Erlangen, Germany



Application for participation in the Innovation Think Tank Competition

“Be an inventor opportunity“

I would like to take part in the Think-Tank-Competition mentioned above and declare that I have read und understood the conditions of participation listed in this application. With my signature under this application I agree to these conditions and declare that I am authorized to give this information.

Full name:

My current e-mail:

My address:

My telephone number:

Group members:

Name	email address
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Name	email address
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Requirements on the participant

1. The candidate should be a student from any educational discipline. (Bachelors, Masters, Diploma, Ph.D).
2. The candidates must confirm that it is their own intellectual property and that the idea has not been submitted to any other contest.
3. The candidates oblige themselves not to disclose their idea to third parties.

Submission of ideas

1. A candidate can submit a maximum of three ideas. Only the ideas received before and on deadline will be evaluated.
2. Ideas can be submitted in groups. The maximum number of participants in a team is three. The prize money will be divided among the three candidates. Each candidate should fill in his/her contribution within the project.
3. The abstract should have following sections (maximum 500 words):
 - i. Problem description
 - ii. Current state of the art
 - iii. Proposal for solution
 - iv. Advantages/use (if necessary with a quantitative assessment)
2. The complete project is to be submitted in electronic form and should include details of the prototype/ of the idea, implementation steps and a team profile.



4. The complete project report should not exceed more than 10 pages
5. The report must be written in English.
6. **Please fill in this participation form and send along with your application.**

Abstract / application submission

The abstract / application / participation form could be sent by email to:
innovationthinktank.healthcare@siemens.com

You can also send the CDs or models or forms directly by post to: Sultan Haider, Head, Innovation Think Tank, Postfach 32 20, 91050 Erlangen, GERMANY

Choice of the winners and prizes

1. A total of 15.000€ will be awarded and distributed among the finalists based on an evaluation of the innovation camp outcomes by the jury. Depending on the scale implementation of the final outcomes, a variable compensation will be offered to the finalists at the end of the program.
2. Top 20 winning candidates will additionally be offered "Be an inventor" opportunity – a unique chance to work with Siemens inventors for a maximum period of three months.
3. Information regarding the contribution will be used to invite the candidates to Siemens. Travel costs will be covered and a stipend of €700/ month will additionally be granted to meet out-of-pocket expenses.
4. A Siemens-internal committee will select the winners.

Legal rights of potential results

The results achieved in connection with the Think Tank Competition, especially during development and subsequent processing, will become property of Siemens AG. As far as inventions are involved which can be protected as intellectual property, Siemens AG is exclusively authorized to register them at its own expense and its own discretion in its name – while mentioning the inventor – in accordance with the respective prevailing legal regulations in arbitrary countries. Siemens AG is also authorized to follow up or to drop these inventions at any time.

As far as the results are patented through copyrights, Siemens AG has the exclusive right, temporally and locally unlimited, to transfer, use, and to give arbitrary use of it to third parties of these copyrights in unchanged or changed form towards all ways of use. The ways of use contain particularly the rights to copy, distribute and exhibit as well as to lecture, perform, demonstrate and broadcast.

There is no claim to compensation of the results.

Siemens AG has to be notified immediately of the results which arise in connection with the Think Tank Competition. If Siemens AG needs support in the registration, processing and/or defense of protective rights explanations, documents or other support performances of the participants, the participant will provide this support free-of-charge to Siemens AG on request.

Consent on the part of the University (of Applied Sciences), no broader rights

The participant assures, that the participation in the Think Tank Competition as well as the execution according to the conditions of participation are compatible with possible duties towards the university (of applied sciences) and no conflict of interests has to be feared. Moreover, the participants assure that they have correspondingly informed their universities (of applied sciences) about the participation and the universities (of applied sciences) did not object to the participation.

Moreover, the participant assures that the ideas submitted to the Think Tank Competition have not been provided to third parties and that they will not pass any rights of third parties/that third parties do not possess any rights to the ideas.

Content to records and photos

The participant allows Siemens AG to take records and photos in the context of the Think Tank Competitions and to use any of these independently in any form and format.

Secrecy, publication

The participant obliges him- or herself not to disclose to third parties any information received in the context of the Think Tank Competition, this holds true for the results as well.

A publication of the results is allowed only after a previous written consent by Siemens AG.

Access to Siemens platform Innovation Think Tank Forum

As far as the participant is given access to the Innovation Think Tank Forum, the participant obliges him- or herself to use the access in the context of the Think Tank Competition. Siemens AG is not liable for the permanent accessibility of the Think Tank Platform. The access can be withdrawn restrictedly or completely any time by Siemens AG without mentioning of reasons.

Place	Date	Signature
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Signature and stamp of university