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# “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.

Answers for life.

# 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:

[innovationthinktank.healthcare@siemens.com](mailto:innovationthinktank.healthcare@siemens.com)

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

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