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Invention Notification – TT Form EM1

**Deutsches Elektronen Synchrotron
Stabstelle Technologie Transfer
DESY-TT
Notkestraße 85
D-22607 Hamburg/Germany**

To be completed by the DESY-TT	
TT file number	
EM (IN) received by DESY-TT on	
Confirmation of receipt sent on	
Incompleteness notification on	
Expiry of the 4-month period* for the assertion of claims on	
Decision on the release or assertion of claims taken on	

Department / area _____

1. Title of the invention:

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2. Brief description of the invention

Which technical problem does the invention solve? In which way did you succeed in solving the technical tasks?

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* 4 months after receipt of the full Invention Notification



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3. Employees having participated in the realisation of the invention

Please use one column for each inventor. Please also provide information on external co-inventors or freelance inventors (as far as you are aware of such information). In case of more than three inventors, please provide the necessary information on paragraphs 3 and 7 on a standard form "TT Form EM2" and make a corresponding note underneath the table. As an inventor, any person shall be considered who makes an independent contribution to the invention. The mutual exchange of "inventive ideas" shall be considered as a reason substantiating co-inventorship. This shall not apply, however, to the mere execution of an inventive idea by order of the inventor.

	Inventor 1	Inventor 2	Inventor 3
1. Name			
2. First name			
3. Title / academic degree			
4. Nationality			
5. Private Address:			
Telephone:			
6. Employer / department			
7. Office address Telephone: E-mail:			
8. Profession Graduate engineer, physicist etc.			
9. Official position Managerial scientist, research associate, doctoral candidate, technical employee			
10. Type of occupation Unlimited, temporary, freelance contract			
11. Were you in the employ of another employer at the time of the invention?			
12. Information on lines 7-11 at the time of the invention if deviating from the current data			
13. Own share in the invention (%)			

A total of _____ inventors have participated in the invention (on the inventors no. 4 and further inventors, please see the standard form "TT Form EM2")



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4. Do one or several inventors not wish to be mentioned as an inventor in the disclosure notice or patent specification? If yes, which inventors?

5. Which inventor is the primary contact person for the patent attorney commissioned by TT?

6. The following employees were involved in the process of development or execution without having made an inventive contribution in my / our opinion:
e.g. workshop, diploma candidate... – however without having had an independent share in the invention.

7. Realisation of the invention

In case of more than three inventors, please attach the necessary information on the standard form "TT Form EM2"

	Inventor 1	Inventor 2	Inventor 3
7.1 The invention has resulted from the activities, which I am under an obligation to perform in the company	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
7.2 I was given the task or instruction that finally led to the invention If YES, please provide details under 7.4	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
7.3 Experience or work of DESY have made a major contribution to the invention	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
7.4 I was brought to make the invention through the following operational tasks, instructions or guidelines			
7.5 For purposes of the invention, I have made use of technical facilities / resources from DESY	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No



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7.6 The invention was prompted by the following operational deficiencies and requirements

7.7 Did the invention result in the course of work on a certain large-scale device (Petra III, CMS...) or a large-scale device (ILC, XFEL...) that is currently under development?

7.8 When was the invention made?

Time at which the core of the invention was made _____

Time at which the invention was "finished" _____

An invention shall only be considered as finished once the underlying theory is technically realisable, which renders possible an industrial property rights registration. Fabrication maturity shall not be required.

8. Is the project, from which the invention has resulted, sponsored by third parties (e.g. through third-party funds or in the framework of research cooperation)? Where such a sponsoring scheme or obligation is in place, please specify the type of sponsoring, the project number and the short title of the project. Please attach a copy of the sponsoring / cooperation agreement. Do any third parties hold rights to the invention, e.g. the right to information or right of use via a cooperation agreement?

9. Do you know whether any materials, procedures or products that have been used for the invention belong to third parties (are protected by patent or have been assigned by contract)?

10. State of technology prior to the invention

Please specify publications, patent registrations and patent specifications as well as procedures and / or systems (from DESY or other institutions / companies), of which you are aware and which describe the technical background and the current state of technology that comes closest to the invention

10.1 Has research already been performed on the current state of technology?

If yes, please attach the outcome of the research



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11. Detailed description of the invention

Please attach a description of the invention, in which the full scope of the invention is disclosed.

The complete and comprehensive description is important to ensure that a corresponding industrial property rights registration can be prepared and submitted. Following the submission of an industrial property rights registration with the patent office, it will not be possible to subsequently add additional information on the invention to the registration.

11.1 Scope (please mark with a cross which is applicable):

- Detailed description of the invention
- Technical drawings, plans, sketches, images and possibly important laboratory records
- Copies of important sources on the current state of technology
- Own publications in the area of the invention
- Where applicable, copy of a respective project description
- Non-disclosure agreement
- Additional form "TT Form EM2" in case of more than 3 inventors
- Other materials (model etc.)

11.2 Contents:

- a. What technical area does the invention relate to?
- b. Technical task (the technical problem), which is supposed to be solved by means of the invention
- c. Previous deficiencies, which are supposed to be overcome, and possible other attempts to solve the respective problem
- d. The technical means and procedural steps of the solution
- e. **What is the essentially new element = Core of the invention?**
(This information is required in any event)
- f. New and particular advantages of your invention in comparison to the existing solutions
- g. Please give a detailed description of at least one application example, preferably by means of one or several attached drawings



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12. State of development

Where has the invention already been tested (trials, samples, prototypes, functioning device / facility, evidence of the tested procedure) or is this still planned in the future? Please provide a time schedule where possible.

13. Publications, lectures, tenders, notifications (written or verbal) or deliveries of products that have either resulted from or are planned on the basis of the invention. When? Where? How?

(Posters, doctoral dissertations, diploma dissertations, lectures; please do not forget the provision of information to companies and cooperation partners!)

13.1 Was or is information on the invention exchanged under a non-disclosure agreement? If yes, which information with whom and when?

Please attach the written non-disclosure agreement where applicable!

14. Commercialisation / utilisation of the invention – Where do you see possibilities of application for your invention?

Possible industries, companies etc., which may come into consideration as licensees for commercialisation / utilisation of the invention

15. How do you assess the market opportunities?

Is the invention a matter / procedure for very special applications or does the invention promise a broad area of application?

16. Are there already any specific prospective customers of your invention?

Which ones? Contacted companies and cooperation partners – What parts of the invention have been disclosed in this context?



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17. DECLARATION by the inventor(s):

I (We) assure that I (we) have made the invention described in the present notification and that, to my (our) knowledge, no other persons apart from the ones mentioned under paragraph 3 have been involved in the invention as inventors.

I (We) have described the invention completely and comprehensively.

I (We) am (are) aware that all publications of the invention and all notifications to external persons who are not subject to a non-disclosure obligation will prevent the issue of industrial property rights and shall therefore be refrained from.

Furthermore, I am (we are) aware that I am (we are) under an obligation pursuant to § 24 of the Employee Invention Act to keep this invention secret for as long as this is required to protect the legitimate interests of DESY and the invention is not in the free domain within the meaning of § 8 Paragraph 1 of the Employee Invention Act.

I (We) request confirmation of receipt of this Invention Notification.

Signatures of the inventors:

Inventor 1:

Inventor 2:

Inventor 3:

Date, signature

Date, signature

Date, signature

Inventor :

Inventor :

Inventor :

Date, signature

Date, signature

Date, signature

Inventor :

Inventor :

Inventor :

Date, signature

Date, signature

Date, signature