

DECLARATION OF PERSONAL INTERESTS

POLICY

It is ICNIRP's aim to provide guidance and recommendations on protection from non-ionizing radiation exposure based on thorough professional evaluation of the published scientific literature. To achieve this goal, ICNIRP relies on the scientific knowledge and judgment of independent experts. For ICNIRP it is imperative to avoid that personal interests of its members affect the independence of ICNIRP's guidance. In this view, the ICNIRP and SEG members are asked to declare any personal interests in relation to the activities of ICNIRP.

The declaration of interests is to be completed at the time of acceptance of nomination for an election updated after election, annually, and each time a change of personal interest occurs. The declarations of personal interests are requested by:

- all candidates to an ICNIRP position;
- all ICNIRP Commission members including the Scientific Secretary;
- all ICNIRP Scientific Expert Group members.

Upon completion and signature, the declaration is to be sent electronically to Dr. Gunde Ziegelberger, ICNIRP Scientific Secretary at g.ziegelberger@icnirp.org.

Declarations of all elected members of ICNIRP and its Scientific Expert Group will be posted in due course on the ICNIRP website. All publications of ICNIRP shall contain an acknowledgement with regard to the online availability of the declaration of personal interests.

The declarations are evaluated by the Commission. If there is any conflict of interest, the Commission decides in accordance with the ICNIRP provisions entailed in the Charter and Statutes (see below), about the action required. The general principle of ICNIRP's approach is that neither the personal, nor the professional life, of its members should depend on NIR-relevant industries or any other NIR interest groups. It is recognized that scientific expertise implies a wide range of professional and academic experiences and activities, called personal interests, which however do not per se automatically lead to a conflict. The evaluation of personal integrity is very complex and might never be achievable in a perfect way. It is the responsibility of the ICNIRP Commission to carefully consider and decide if the declared interests potentially constitute a conflict of interest.

As per the ICNIRP Statutes, "no member of the Commission shall hold a position of employment that in the opinion of the Commission will compromise its scientific independence. (...) When a change occurs in a member's employment which, in the opinion of the Commission members, may compromise the Commission's scientific independence, the Commission shall decide whether this member can continue to serve". The Commission decision shall be taken by a simple majority vote, either by a formal letter ballot, at a special commission meeting called for that purpose, or at its Annual General Meeting (ICNIRP Statutes, §6(2)).

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LAST NAME, First name: Paulides, Margarethus Marius		APPLIED POSITION WITHIN ICNIRP: Scientific Expert Group member
ACTIVITIES AND ASSETS from 2015-2018 and in 2019-2020		Period 2013-2016 and 2017
Always mention the title of the activity, function, asset listed, and the name of company, organization, or institution involved.		Please, also report any current application or negotiation for future work
EMPLOYMENT (main employer, function, title)		
Eindhoven University of Technology; Director of the Center for Care and Cure Technologies (C3Te) and Associate Professor		Period: Nov 2018-...
Erasmus University Medical Center, Cancer Institute; Associate Professor		Period: 2018-...
Erasmus University Medical Center, Cancer Institute; Assistant / Associate Professor		Period: 2007-2018
General Electric (GE), Global Research Center, Niskayuna NY, USA (unpaid visiting position)		Period: 2016-2016
UNPAID CONSULTANCY, ADVISORY POSITIONS AND SERVICES		
Unpaid consultancy including service as a scientific or other advisor. Unpaid advisory office or services for a commercial entity or any organizations and/or as part of a regulatory legislative or judicial process with an interest in NIR (i.e. membership in scientific councils, associations, etc.):		
Name and description of the activity	Personal advantages (hospitality, prestige, etc. - specify and quantify)	Period:2013-...
Scientific leader (board member) of the Netherlands Antenna Research Framework (NARF): a strategic research area of the Netherlands Institute for Research on ICT (NIRICT: http://www.3tu.nl/nirict/en/).	n.a.	
PAID CONSULTANCY, ADVISORY POSITIONS AND SERVICES		
Paid consultancy including service as a scientific or other advisor. Paid advisory office or services for a commercial entity or any organizations and/or as part of a regulatory legislative or judicial process with an interest in NIR (i.e. membership in scientific councils, associations, etc.):		

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<p>Name and description of the activity: Advisor Medical Physics regarding new hyperthermia therapy solutions</p> <p>Name and status of the contractor: Sensius B.V., Utrecht, Netherlands; Start-up seeking investors; www.sensius.biz</p>	<p>Income – amount and percentage of yearly laboratory/working group/personal income (specify) : Personal interest in stock (4.9% share and no voting rights). Paid consultancy work.</p>	<p>Period: 2015-...</p>
<p>RESEARCH SUPPORT RECEIVED FROM COMMERCIAL ENTITIES</p>		
<p>Grants, collaborations, sponsorships, other funding and in kind support valued at more than EUR 1000 overall (include equipment, facilities, staff, paid travel to meetings, etc.)</p>		
<p>Name and description of the activity: Joined Research Seeding Grant, internal GE Global Research Center funding</p> <p>Name and status of the contractor: General Electric (GE) Global Research Center, Munich, Germany</p> <p>Which unit receives and manages the research funding from the above activity? University/Unit/Laboratory/Personal Research Fund/Other: University</p> <p>It is assumed that you are free of publishing whatever results your research shows without the influence from the entity funding your research. Is this explicitly stated within the contract? Yes X No <input type="checkbox"/></p>	<p>Income – amount and percentage of yearly laboratory income: 45.000 €</p> <p>Period: 2016</p> <p>Please describe how your independence is safeguarded: Research grant aimed at joined research into MR guided hyperthermia therapy and related perfusion phantoms</p> <p>If, yes. Please specify the wording used in the contract: 9.1. When possible, in accordance with norms for authorship of publications, publications of Research Projects will be joined publications by GE and Institution. However, GE and Institution researchers will retain the right to independently publish and present results of Research Projects in scholarly or professional journals, at professional meetings or conferences, or otherwise of their choosing, subject to the limitations of this Section 9.1</p>	
<p>Name and description of the activity: In cash/kind contribution to a Technology Foundation STW research grant</p> <p>Name and status of the contractor: Philips Research, Eindhoven, Netherlands & Cologne, Germany</p>	<p>Income – amount and percentage of yearly laboratory/unit/personal income (specify) : 10.000 € in cash, 66.300 € in kind contribution.</p>	<p>Period: 2018</p>

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<p>Which unit receives and manages the research funding from the above activity? University/Unit/Laboratory/Personal Research Fund/Other: University</p> <p>It is assumed that you are free of publishing whatever results your research shows without the influence from the entity funding your research. Is this explicitly stated within the contract?</p> <p>Yes X No <input type="checkbox"/></p>	<p>Please describe how your independence is safeguarded: Contribution to a Research grant aimed at joined research into feedback control in MR guided hyperthermia therapy</p> <p>If, yes. Please specify the wording used in the contract: n.a.</p>
<p>Name and description of the activity: In cash/kind contribution to a Technology Foundation STW research grant</p> <p>Name and status of the contractor: Sennewald Medizin Technic, Munich, Germany</p> <p>Which unit receives and manages the research funding from the above activity? University/Unit/Laboratory/Personal Research Fund/Other: University</p> <p>It is assumed that you are free of publishing whatever results your research shows without the influence from the entity funding your research. Is this explicitly stated within the contract?</p> <p>Yes X No <input type="checkbox"/></p>	<p>Income – amount and percentage of yearly laboratory/unit/personal income (specify) : 5.000 € in cash contribution.</p> <p>Please describe how your independence is safeguarded: Contribution to a Research grant aimed at joined research into feedback control in MR guided hyperthermia therapy</p> <p>If, yes. Please specify the wording used in the contract: n.a.</p>
<p>Name and description of the activity: In cash/kind contribution to a Technology Foundation STW research grant</p> <p>Name and status of the contractor: Sensius BV, Utrecht, Netherlands</p> <p>Which unit receives and manages the research funding from the above activity?</p>	<p>Income – amount and percentage of yearly laboratory/unit/personal income (specify) : 5.000 € in cash contribution.</p> <p>Please describe how your independence is safeguarded: Contribution to a Research grant aimed at joined research into feedback control in MR guided hyperthermia therapy</p>

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University/Unit/Laboratory/Personal Research Fund/Other:
University

It is assumed that you are free of publishing whatever results your research shows without the influence from the entity funding your research. Is this explicitly stated within the contract?

If, yes. Please specify the wording used in the contract: n.a.

Yes No

INVESTMENTS AND COMMERCIAL INTERESTS

Investments (income valued at more than EUR 1 000) in a commercial entity, in a trust or holding company with an interest related to NIR. List, for example, any commercial business interests (e.g., proprietorships, partnerships, joint ventures) and stocks, bonds, stock options, other securities (e.g., short sales) - excluding broadly diversified mutual funds, pension funds or similar investments.

Investment/Share: Personal interest in stock (4.9% share and no voting rights) in Sensius BV

Period: 2015-...

Income (expressed in relation to other personal income): 0

INTELLECTUAL PROPERTY

Such as patents, trademarks, or copyrights (also include pending applications) and proprietary know-how in a substance, technology or process.

Property: PCT/NL2010/050569: "A hyperthermia system and a method for generating a focused three-dimensional RF field"

Period: 2010-...

Income: 0

ADDITIONAL INFORMATION

When relevant, please provide details about the subject, the parties involved, the time-frame and any other relevant details.

To your knowledge, would the outcome of your activities within ICNIRP benefit or adversely affect interests of others with whom you have substantial common personal, financial or professional interests (such as your spouse or partner, adult children or siblings)?

n.a.

Period:

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Is there any other aspect of your background or present circumstances not addressed above that might be perceived as affecting your objectivity or independence?

n.a.

Period:

I hereby declare that the disclosed information is true and complete to the best of my knowledge. Should there be any change to the above information, I will promptly notify the ICNIRP Secretariat and complete a new declaration of interests which takes the changes into account.

Date:

6/05/2019

Name: **Margarethus M. Paulides**

Signature:



* Information provided here may be protected by privacy rights. Thus, ICNIRP reserves the right to anonymize this field before DOI disclosure.