

Personal motivation for accepting the nomination as candidate for the membership of the IRPA EC

As a radiation protection expert and training provider for an academic institution, sharing my knowledge and experience has always been a driving force in my career. I consider it a moral obligation to share this experience, which I gained at the expense of society, with a wider community. I served the Dutch Society for Radiation Protection for almost 19 years and was involved in international education and training matters from 2007 onwards. These activities provided me with many opportunities to build my own international network, especially when acting as congress president for the 5th European regional IRPA congress in 2018 and as chair of the local organizing committee of the 8th European conference on Education & Training in Radiation Protection in 2023. Now I feel ready to further expand my scope of work to the international radiation protection community. Additional motivation is the fact that my employer explicitly supports my nomination.

I intend to share my experience as radiation protection professional in the IRPA EC, with a strong focus on the (importance of) education and training - being the essential elements to maintain a strong work force over the long term as well as building competency in developing countries. Furthermore, I believe that a firm representation of radiation protection professionals in the IRPA EC is paramount for a good balance between RP science and practice. I believe to be able to contribute to this balancing in a good way. I owe NVS many thanks for nominating and the University of Groningen for supporting me. I am looking forward to cooperate with the IRPA EC!

Hielke Freerk Boersma, February 2024



NEDERLANDSE VERENIGING VOOR STRALINGSHYGIËNE

Dutch Society for Radiation Protection

IRPA

(by e-mail)

Utrecht, 8th March 8, 2024

Subject: Nomination IRPA Executive Council 2024-2028

Dear Ms Bomben,

The IRPA Associate Society of the Netherlands, the Dutch Society for Radiation Protection NVS, wishes to nominate dr. Hielke Freerk Boersma as European candidate for a position on the IRPA Executive Council for the term 2024-2028.

Dr. Boersma is a member of NVS since 1995 and served as a board member from 2002 until 2020. He was president of NVS between 2008 and 2014. From 1997 onward dr. Boersma is a radiation protection expert and training provider for an academic institution. Sharing knowledge and experience is a driving force in his career. Recent successes have included the organization of the 5th European Regional IRPA Congress in The Hague, his membership of the Scientific Program Committee (SPC) of IRPA14 in Cape Town and IRPA15 in Seoul and his membership of the program committee of the 7th and 8th ETRAP conferences.

In 2019 dr. Boersma led an expert mission to Suriname regarding the radiation protection regulatory infrastructure. He and his colleagues studied the possibility of RP professionals in Suriname becoming member of the NVS and thus of IRPA, culminating in the realization of a chapter 'Radiation Protection in Suriname and the Caribbean area' in November 2020.

Apart from being a general RPE, his particular interest in education & training in radiation protection and its international harmonization and/or mutual recognition is not only reflected by his involvement in the EUTERP-foundation as National Contact Point for the Netherlands and his membership to the Board of EUTERP since 2022, but also by his contributions to IRPA through his involvement in the Working Group on Certification and Qualification and the Task Group on The Review of the System of Radiological Protection.

Enclosed you will find:

- The Curriculum Vitae of the candidate,
- A statement of motivation of the candidate,
- A statement of willingness of the candidate.

Should our nomination raise any further questions, please let me know.

Kind regards,

The Dutch Society for Radiation Protection NVS

Carolien Leijen, president

To whom it may concern

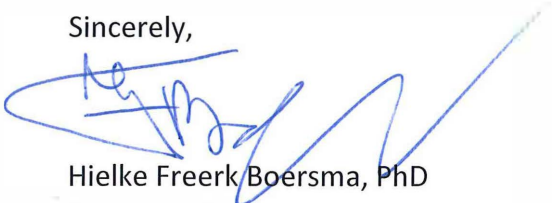
Groningen, 6 March 2024

Dear mr/mrs/miss,

The Dutch Society for Radiation Protection (NVS) has indicated their intention to nominate me as candidate for the IRPA Executive Council. With this statement I declare that, when elected as member of the EC at the General Assembly in July 2024, I will actually serve as such.

For your information I note that I have informed my managers, who approved and support my candidacy.

Sincerely,



Hielke Freerk Boersma, PhD
Radiation Protection Expert
Groningen Academy for Radiation Protection
University of Groningen
h.f.boersma@rug.nl

CV Hielke Freerk Boersma

Groningen Academy for Radiation Protection / University of Groningen, Visserstraat 49, NL-9712 CT Groningen, The Netherlands, h.f.boersma@rug.nl

Hielke Freerk Boersma obtained his Master's degree in theoretical high-energy physics from the University of Groningen in 1986 (cum laude). Consecutively he obtained a PhD-position at the Kernfysisch Versneller Instituut in Groningen where he got his PhD in 1992 on a topic in theoretical nuclear physics. From 1994 until 1997 Hielke Freerk held various positions at Science Shops at the Universities of Groningen and Utrecht, being involved in particular in acoustical and radiation topics. In 1994, he completed the basic RPE course ('level 3').

In 1997, he was appointed radiation protection expert at the University of Groningen, where he became responsible for the RP policy, the internal license system and the coordination of supervision at the university. In 1999, he also became responsible for the Education and Training program in RP of the University of Groningen, which he extended considerably in the consecutive years. In 2000, Hielke Freerk graduated from the advanced RPE course (the 'level 2' course for RPEs of complex licenses) at the Leiden University Medical Centre / Technical University Delft (LUMC/TUD). He participated in the course organization of the level 2 courses held in the seasons 2005-2006, 2010-2011 and in 2016. Hielke Freerk also acts as the laser safety coordinator of the University of Groningen (since 2017).

From 2002 onwards, Hielke Freerk served as member of the Board of the Dutch Society for Radiation Protection (NVS). His term ended November 2020. He coordinated the committee for refresher courses from 2003 until 2008. In this period, he organized one refresher course a year on various topics in RP, like implementation of national legislation, radiobiology, laser safety and radiotherapy. Hielke Freerk was president of the NVS from 2008 - 2014. As such, he served as the representative of the NVS in international meetings (IRPA Associate Society Forum, European IRPA Presidents meeting) and initiated renewed contacts with national organizations in medical physics, radiobiology and dosimetry. He served as member of the Scientific Program Committee of the 14th IRPA congress in Cape Town (2016 – IRPA14), IRPA15 in Seoul (2020) and the European IRPA congress in The Hague (2018) as well as member of the Grants Committee for the Young Professional Award at the European IRPA congresses in Helsinki (2010), Geneva (2014) and The Hague (2018) and at IRPA14.

Hielke Freerk held the position of member for congress and international affairs within the Board of the NVS from 2014 until 2020. As such, he has been heavily involved in the organization of the fifth European IRPA Congress (The Hague – 2018), which he served as congress president. In 2019, Hielke Freerk was involved in an expert mission to Suriname on the RP regulatory infrastructure. He and his colleagues studied the possibility of RP professionals in Suriname becoming member of the NVS and thus of IRPA, culminating in the realization of a chapter 'Radiation Protection in Suriname and the Caribbean area' in November 2020. Hielke Freerk is still acting as the NVS-Board liaison for this newly established chapter.

Hielke Freerk is a generalist in RP, with a broad experience in RP in a research environment as well as in E&T in RP. Due to his involvement in E&T and his membership of a medical ethical committee as advisor RP (since 2022), he also has general knowledge of medical applications of ionizing radiation.

Apart from general RP, his particular interest is Education and Training in RP and its harmonization and/or mutual recognition. This is not only reflected by his involvement in the EUTERP-foundation as National Contact Point for the Netherlands and – since 2022 – his membership of the Board of EUTERP, but also by his contributions to the IRPA Working Group on Certification and Qualification and the IRPA Task Group on The Review of the System of Radiological Protection as well as his many attendances and contributions to IRPA-congresses, ETRAP-conferences and EUTERP-workshops from 1999 onwards. Hielke Freerk was member of the program committee of the 7th and 8th ETRAP conferences and also served as host and chair of the local organizing committee of the 8th ETRAP conference, held in Groningen, 2023 and the preceding EUTERP-workshop.

Hielke Freerk was a member of the Dutch Health Council from 2010 until 2014. Currently he is a member of the External Review Committee of the subsidized research program of the Nuclear Research and consultancy Group (NRG), starting in 2014. In 2022, Hielke Freerk was appointed honorary member of the NVS. Finally, Hielke Freerk has been nominated by the NVS as a member of the IRPA Rules committee for the next term.

Hielke Freerk Boersma, February 2024