

BHPA Professional Matters

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expert

IntraOp

scannix

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TRASIS

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Program

16h30	17h00	Jan Vandecasteele	Professional Matters in 2023-2024
17h05	17h15	Cristian Mihailescu	Radiotherapy calibrations at the standard laboratory at SCK CEN: moving towards LINAC based calibrations?
17h15	17h45	Reports of the working groups	
		Hilde Bosmans	EFOMP
		Hilde Bosmans	Radiology
		Bruno Vanderlinden	Nuclear medicine
		Bert Bakelandt	Radiotherapy
		Burak Yalvac	BELDART
		Geert Pittomvils	NCS
		Jan Vandecasteele	IFIC and legislation
		Piet Stevens Eric Messens	Website
17h45	18h00	BHPA Board	General Assembly

Professional matters in 2023-2024

Jan Vandecasteele

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Free text to insert into header of each page. (Example: preview version 003 for validation)

⬇ Export to .PDF

Back

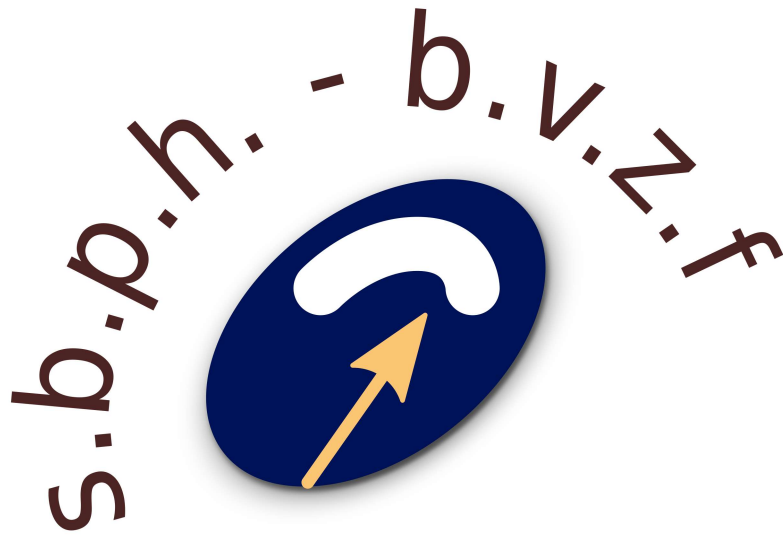
1. intro

BHPA Professional Matters

Create a vision for 2023

Slide





2. What words come to mind when you think of BHPA?

e.g. Medical physics, audits, superheroes, party, expensive
waste of time, ...

53 users voted
OpenText



Challenges, WIFE,
Ask MP MPE
Collegues
chat
Collegues
Quality networkin
gpd
Collegues
seas

Médical physics
medical

3. bylaws updated

Bylaws updated

Slide

New bylaws published in 2022



Available on website in Dutch and French: <https://www.bhpa.eu/index.php/statutes2022>

Mod PDF 19.01

 **Lijk B** In de bijlagen bij het Belgisch Staatsblad bekend te maken kopie na neerlegging van de akte ter griffie

Voorbehouden aan het Belgisch Staatsblad

22380762

 Neergelegd 08-12-2022 Griffie

Annexes du Moniteur belge

Ondernemingsnr.: 0418.717.227

Naam
(voluit): Société belge des Physiens des Hôpitaux - Belgische Vereniging van Ziekenhuisfysici
(verkort):
Rechtsvorm: Vereniging zonder winst oogmerk

Volledig adres v.d. zetel: Kruidtuinlaan 32
1000 Brussel
België

Onderwerp: akte; Maatschappelijke zetel, Ontslagen, Benoemingen, Wijziging statuten

Société belge des physiens des hôpitaux asbl - Belgische Vereniging van Ziekenhuisfysici vzw
boulevard du Jardin Botanique 32 (nouvelle adresse : avenue du Laerbeek 103, 1090 Jette)
1000 Bruxelles

Numéro d'entreprise : 0418.717.227
RPM Bruxelles

STATUTS

L'assemblée générale du 29/04/2022, valablement convoquée et en nombre suffisant quant à l'assistance et la majorité, a décidé de modifier les statuts, afin de les coordonner avec le Code des sociétés et des associations (CSA) et afin d'obtenir une agrégation comme union professionnelle. Les statuts suivants sont adoptés :

TITRE I : DÉNOMINATION - SIÈGE - OBJET - DURÉE

ARTICLE 1

L'association sans but lucratif est dénommée : Société Belge des Physiens des Hôpitaux, en langue néerlandaise : Belgische Vereniging van Ziekenhuisfysici, en langue anglaise Belgian Hospital Physicist Association.

4. Membership structure

With a new membership structure

Slide



General BHPA Board

VZW/ASBL recognised as professional union represents all members

Effective member (voting rights)

Medical physicists and Medical Physics Experts

- Fulfill definition for MP or MPE (see next slide)
- 2 MPE as referee
- MPE, per domain of competence, should/can have representative in the board

Scientific board

Joining Effective and affiliated members
Internal rules of procedure define the composition of scientific board

Will address science and education
Advisory organ to the general board:

- BHPA symposium
- MP(E) education
- MPE internship and accreditation
- MPE and MPA CTE education
- ...

Affiliated member (no voting rights but have voice at GA)

Fellow members

Nurses, technologists, MPA, dosimetrist, engineers,...
Minimum Diploma as bachelor
2 MPE as referee

Honorary members

Retired former members
Nominated by board

Associated members

Can be natural or legal person (e.g. company)
Accepted by board

Corresponding members

Foreign medical physicists, Belgian medical physics scientists not fulfilling the definition of MP/MPE such as research physicists and PhD Students.
2 MPE as referee

Student members

Bachelor and master students
2 MPE as referee

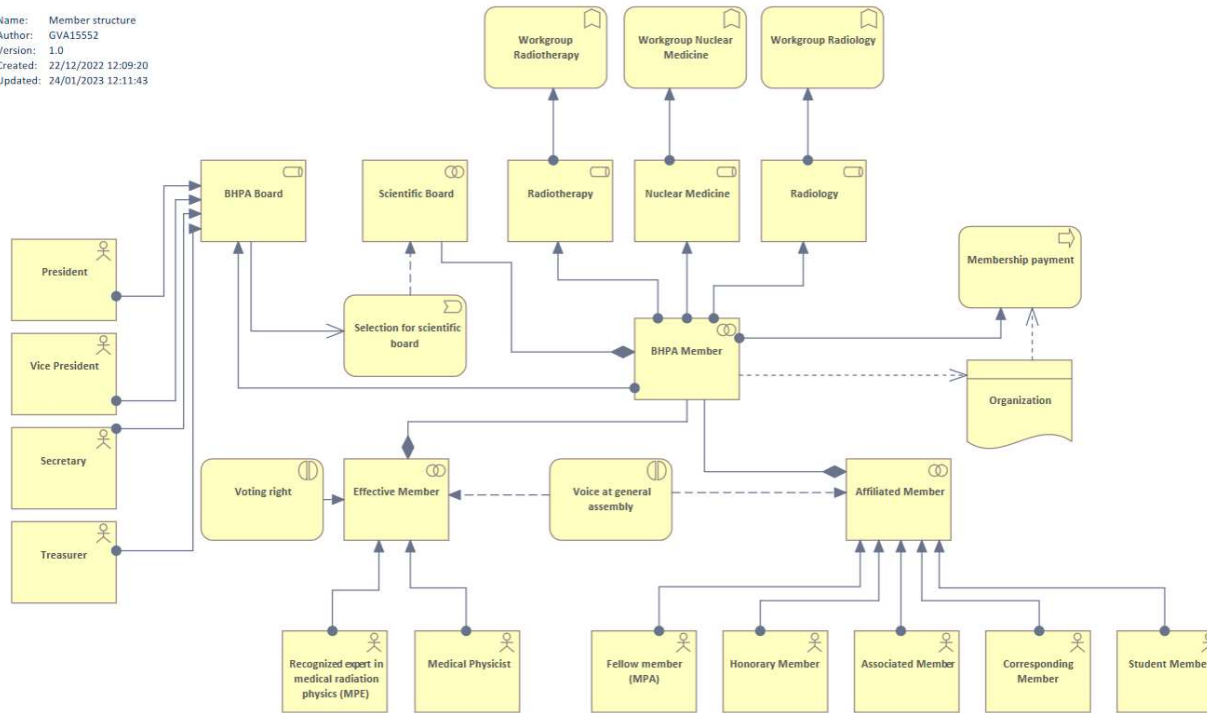
5. structure

Slide



Membership structure

Name: Member structure
 Author: GVA15552
 Version: 1.0
 Created: 22/12/2022 12:09:20
 Updated: 24/01/2023 12:11:43

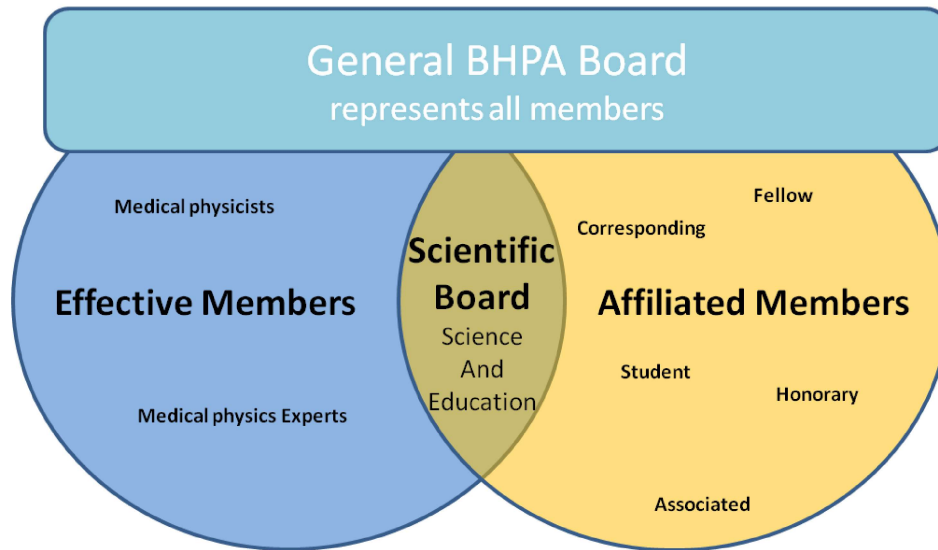


6. other and final way to see it

Slide



BHPA, the professional union



7. professional union

Professional Union: check!

Slide

Since 30/01/2023 we are a ASBL/VZW/non profit recognized as professional union

We can not stop now!



What do you want for 2023-2024?



8. internal challenges

Slide

Overview of possible challenges for 23-24

- Hours for permanent training given by FANC
- Scientific board in BHPA
- Format of the symposium
- Role of BELDART in the future (update RD)
- Adopt a permanent secretariat (0.1 or 0.2 FTE)
- Improve the website of BHPA
- Create junior members (<35y) section
- Offer information on health care organisation
- Create network of heads of departments of medical physics
- Working toward becoming a Health care profession
- Organise supplementary training for MPA's
- Reorganise the internship of MPE
- Other ideas?



9. BHPA 2023 symposium: is 6 hours fair for 2 days symposium?

Permanent training recognition FANC

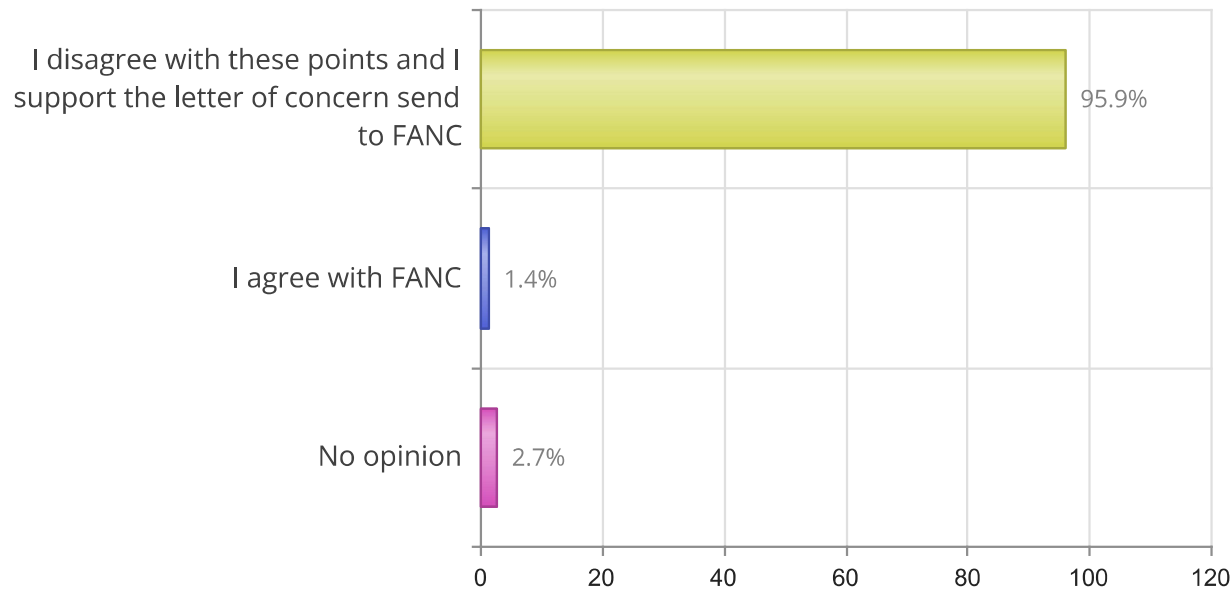
73 users voted
Single



De opleiding komt in aanmerking voor:

- *6u00 voor Medische stralingsfysici RT*
- *6u00 voor Medische stralingsfysici RX*
- *6u00 voor Medische stralingsfysici NG*
- *6u00 voor Radiotherapeuten*
- *6u00 voor Nuclearisten*
- *6u00 voor Radiologen*
- *6u00 voor Connexisten*
- *6u00 voor Gemachtigden radiotherapie*
- *6u00 voor Gemachtigden nucleaire geneeskunde*
- *3u00 voor Gemachtigden radiologie*



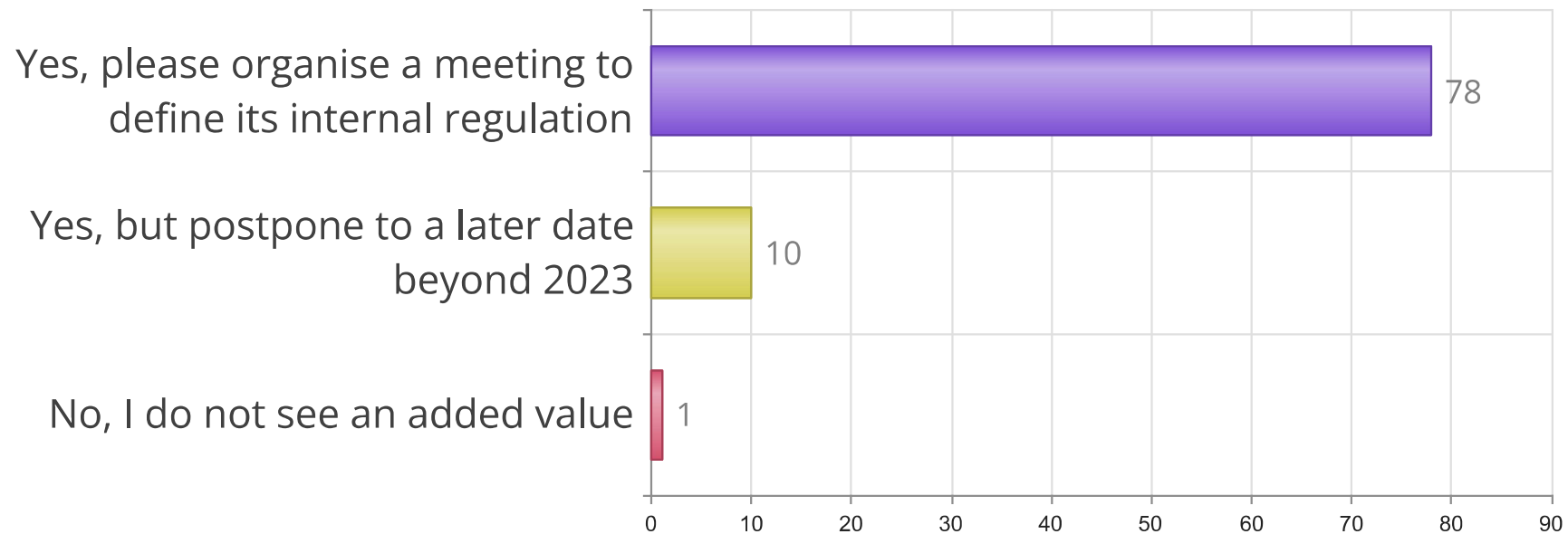


10. Create a scientific board

= advisory body to the BHPA Board in matters of science and education. We need to create internal regulations to decide its composition and functioning.

89 users voted
Single





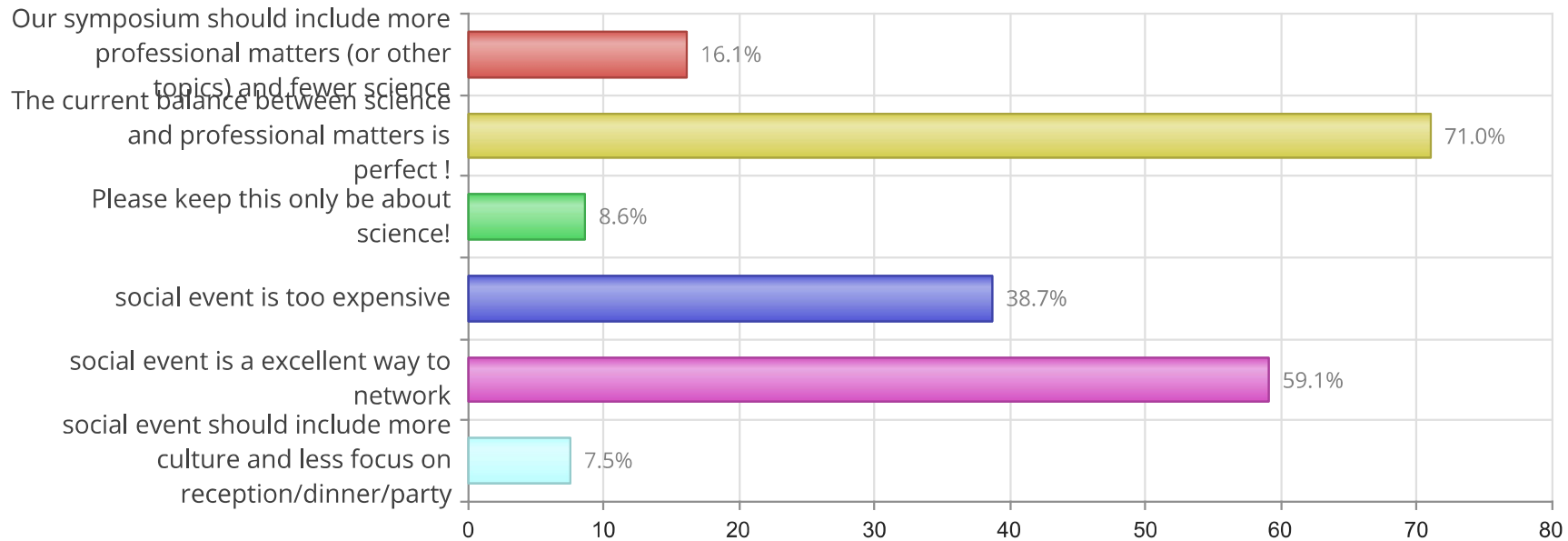
11. Format of the symposium

38 times the same story- Now is the time to be creative!

93 users voted

Multiple

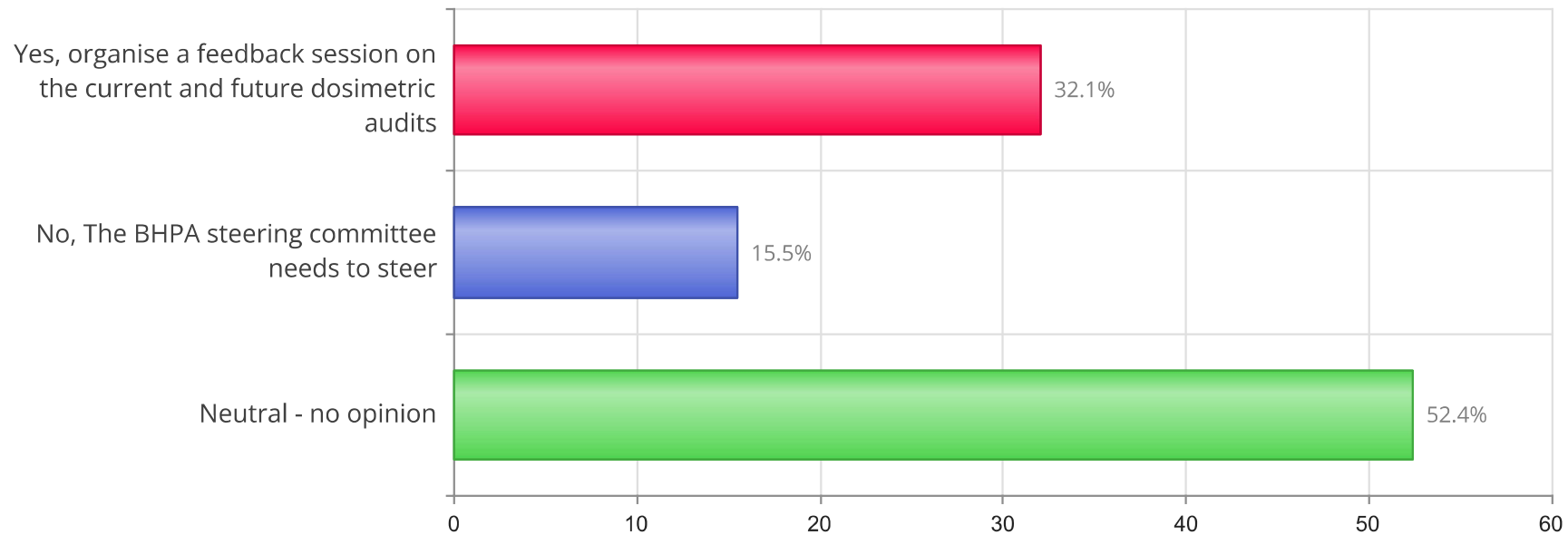




12. Role of BELDART in the future - feedback session

84 users voted
Single

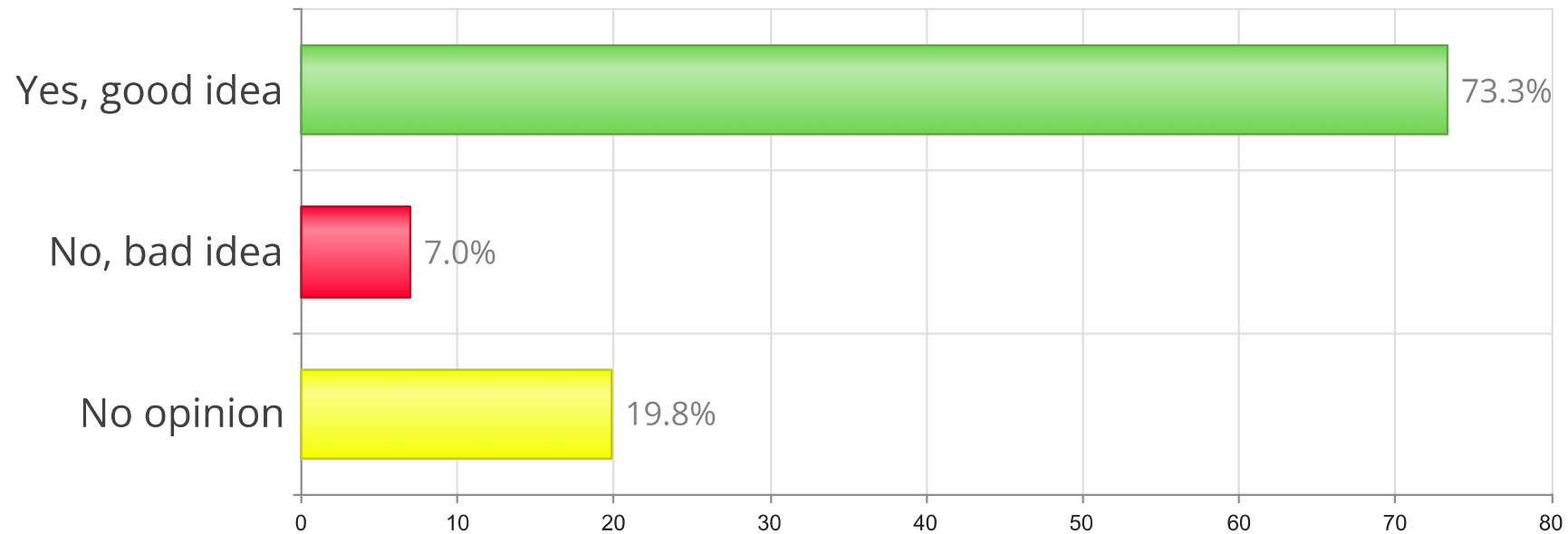




13. Adopt a permanent secretariat
to help BHPA board (0.1 or 0.2 FTE)
To help with administration

86 users voted
Single





14. How to improve the website of BHPA

What functionalities would draw you to the website?

59 users voted
OpenText



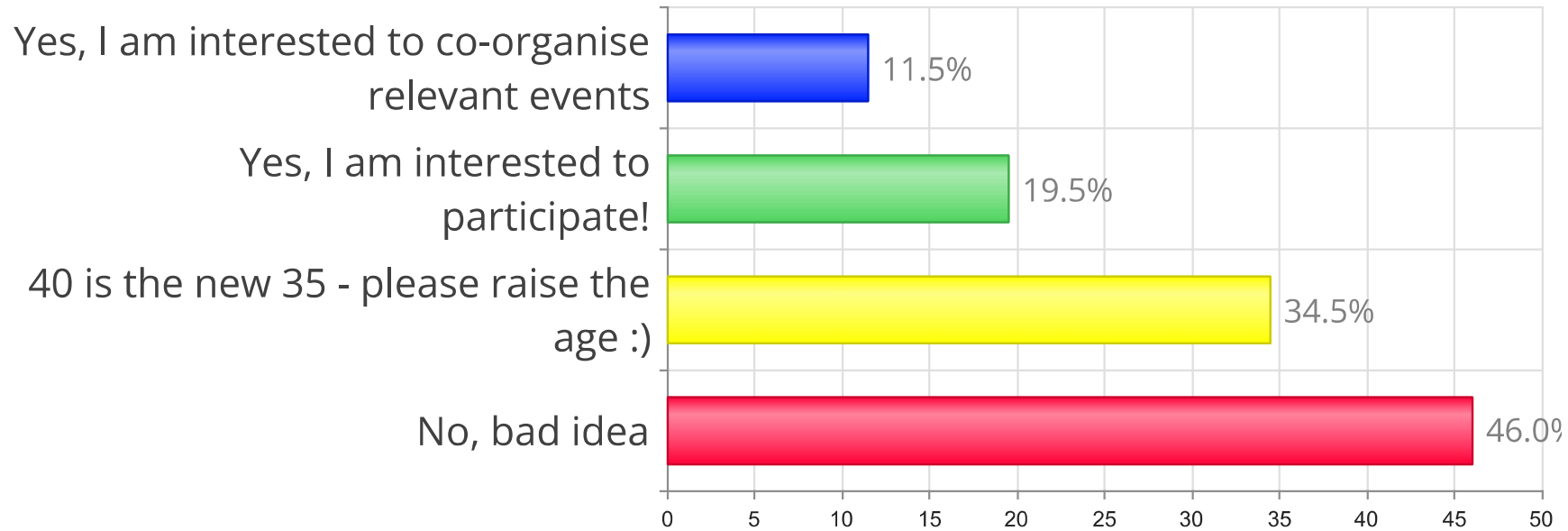
groups
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Last
ask
ich
qc
QA
EU.
legislation
Protocol
Forum
Congress
list
Event
Agenda
way
congress

15. Create BHPA junior members
section (-35y)

87 users voted
Multiple



A budget could be provided each year to organise events
dedicated to younger members

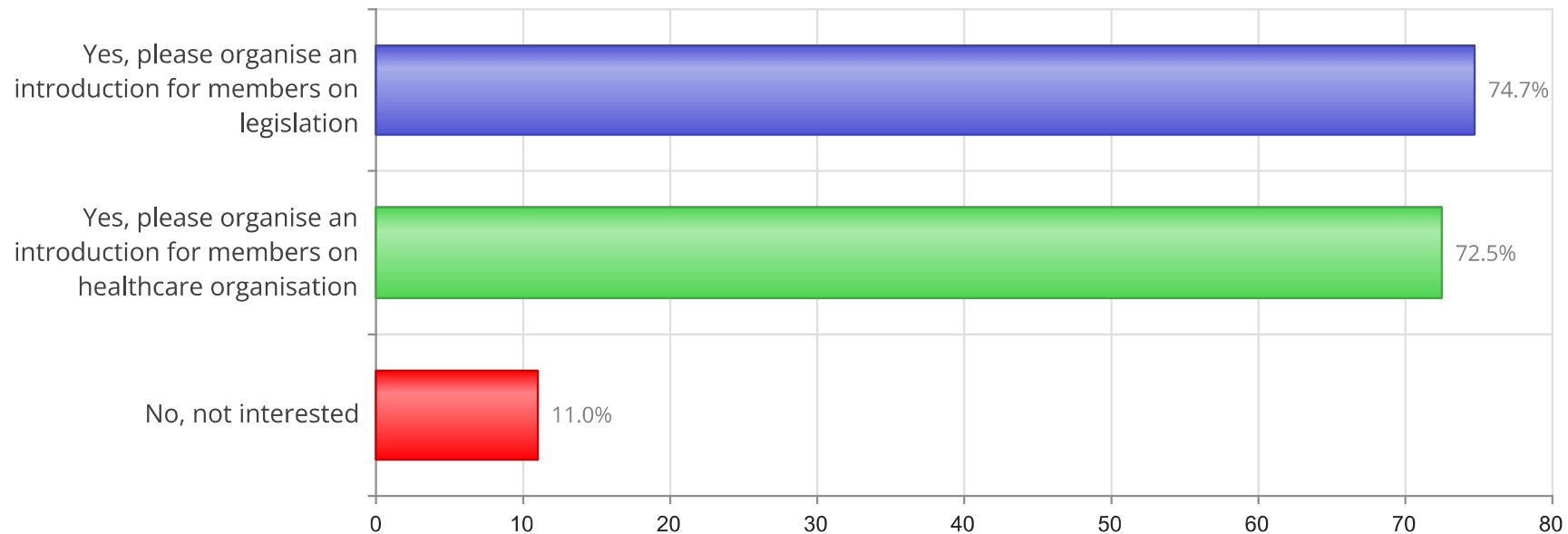


16. Offer introduction training on
legislation and healthcare
organisation (financial and legal
aspects) on a regular basis

91 users voted
Multiple



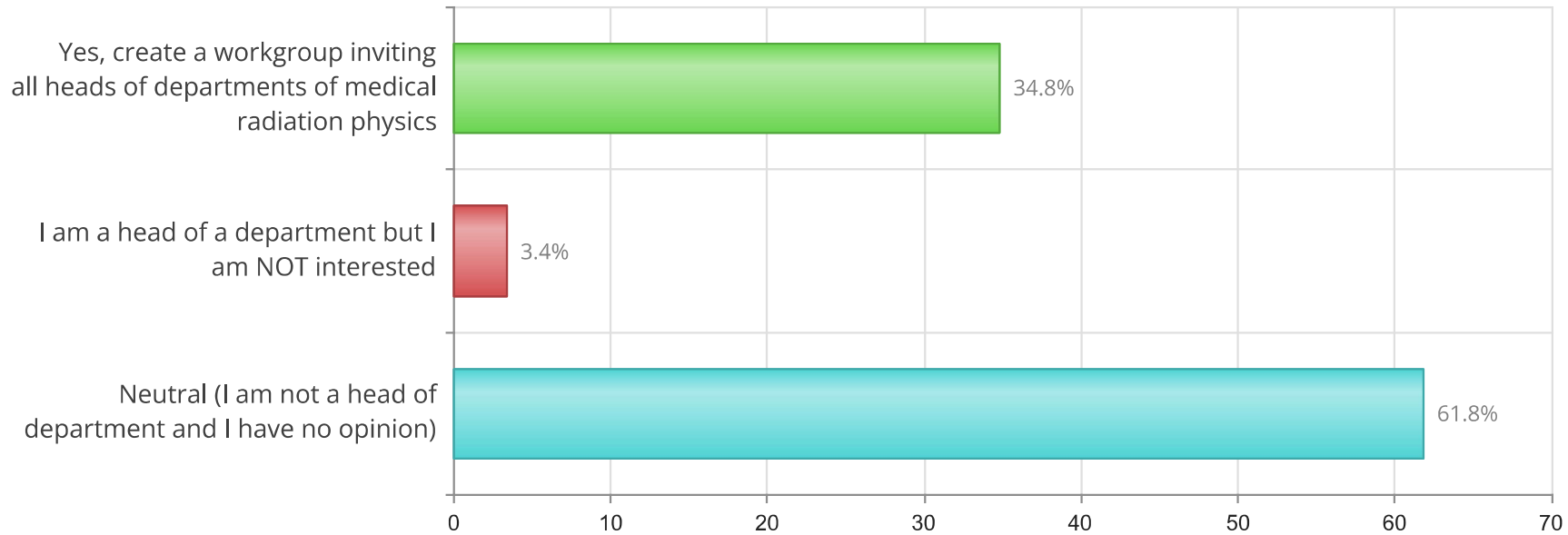
Updates on relevant topics in medical device regulation, health
care organisation (health care professions, financing of health
care,...)



17. Heads of departments of
medical physics

89 users voted
Single



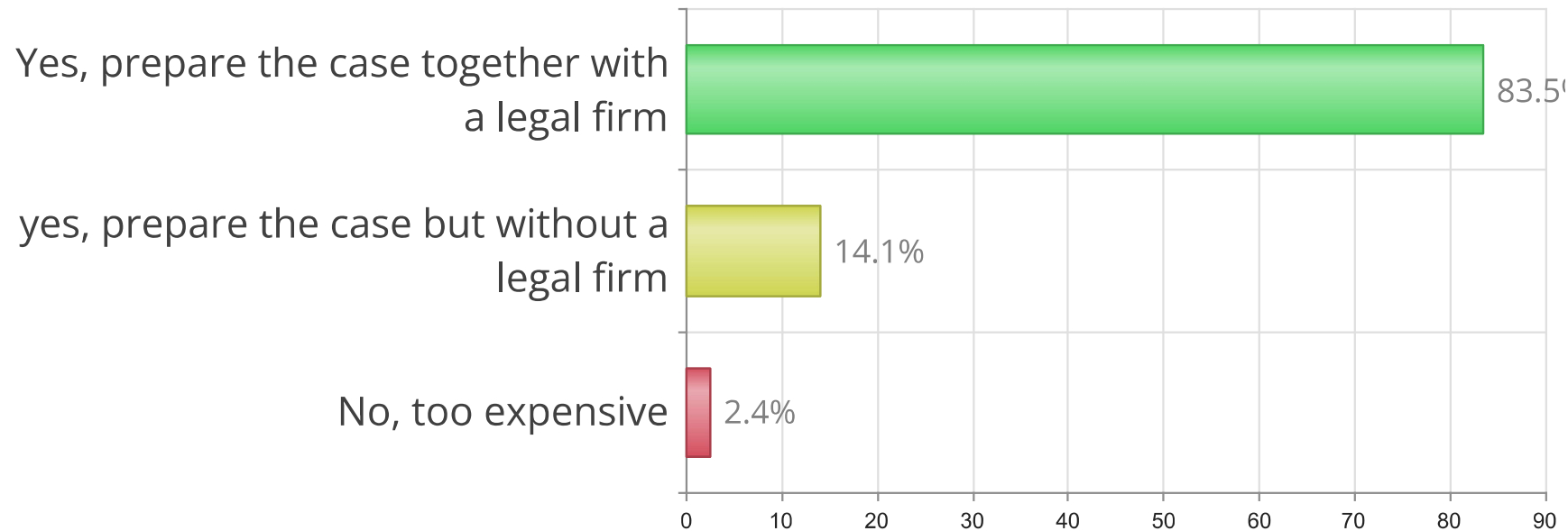


18. Take the next step in becoming a health care profession

Legal firm has much experience AND connections but costs
364€ per hour

85 users voted
Single



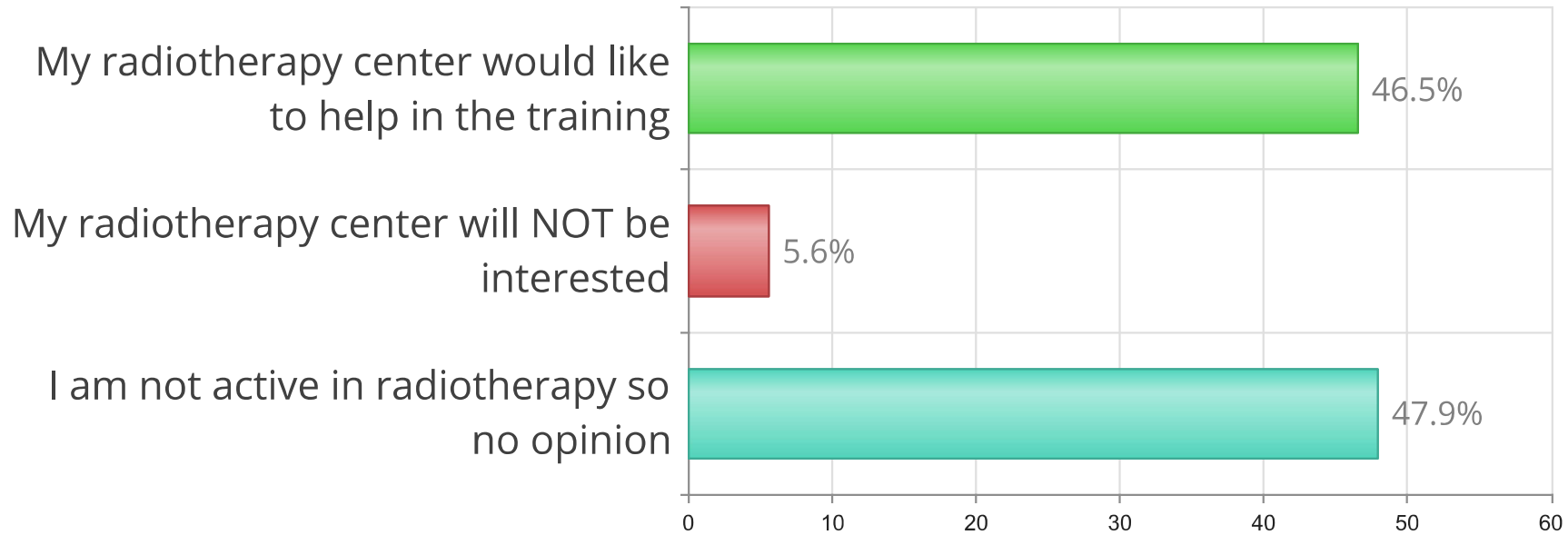


19. Set up the mandatory training for MPA's in Flanders

RD medical exposure art 95: 20 ECTS training - proposition:
create module with WRO covering the required topics:
technology, techniques,, radiobiology, dosimetry, QA,
radioprotection and legislation

71 users voted
Single

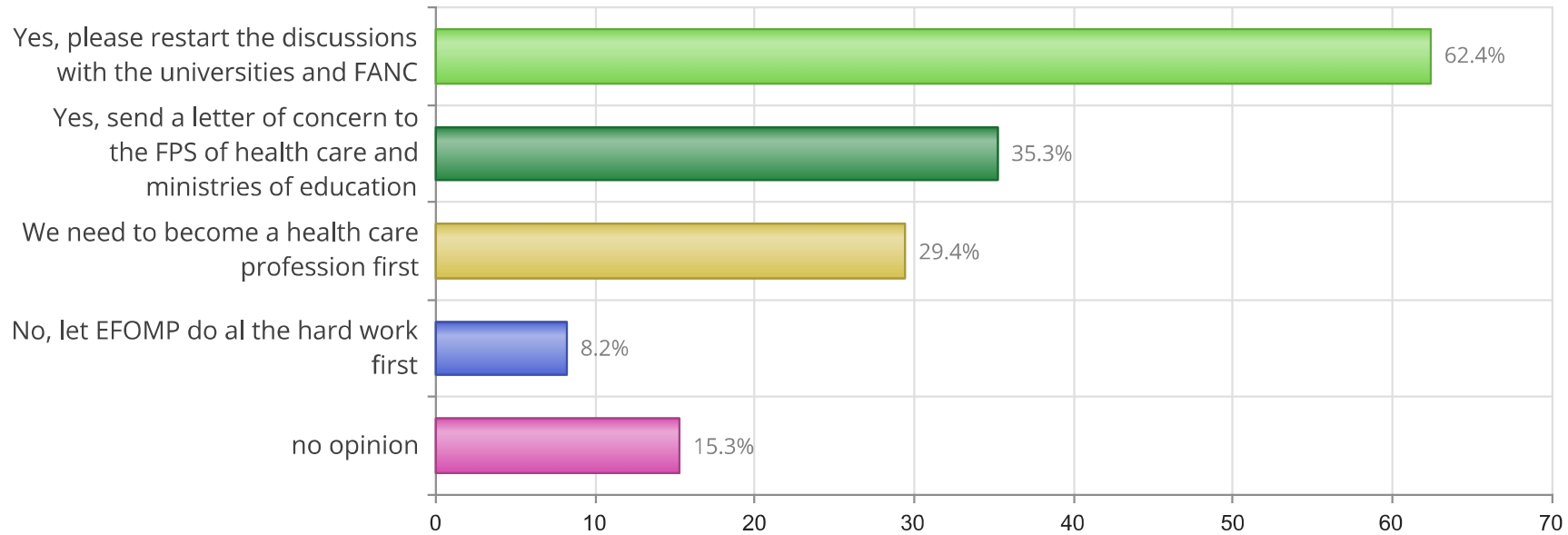




20. Update internship/professional training of MPE's

85 users voted
Multiple





21. Please describe other challenges/missions for BHPA in 2023-2024

36 users voted
OpenText



efomp
like

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care

ic

1PA

Extension friendly
secretary Belgian
instructors representative

research

Continual day

Hire ski MP

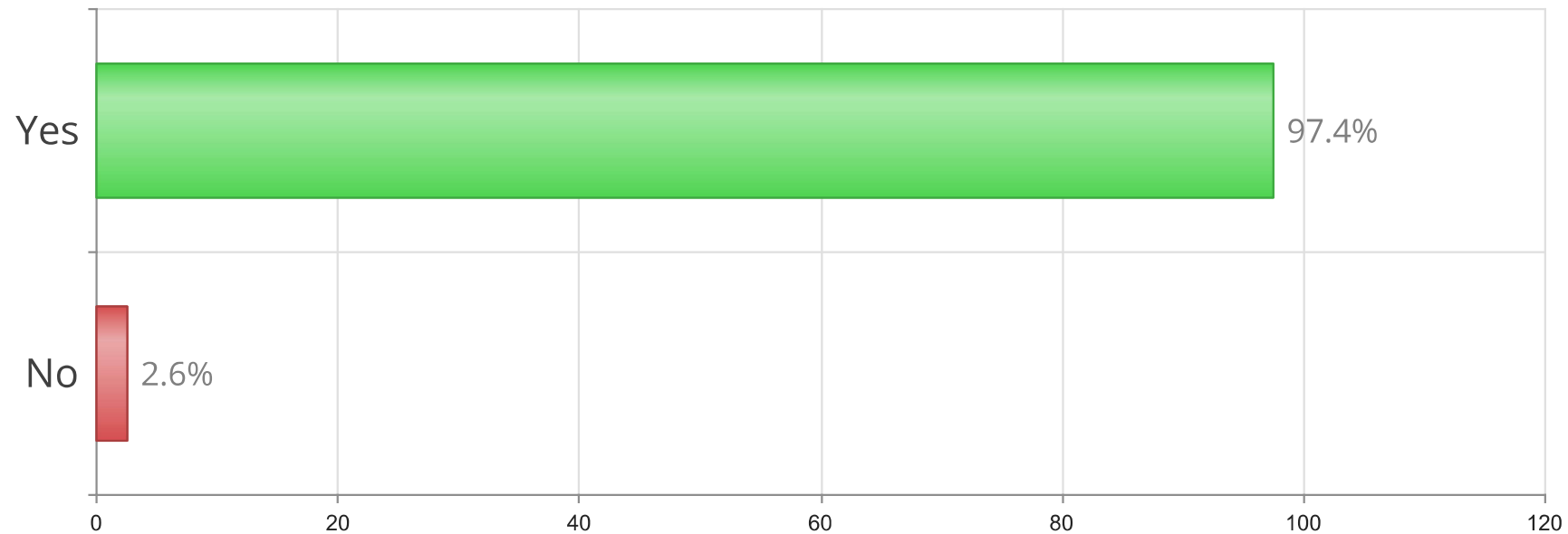
name
new

22. Thank you for your valuable
opinion!!!! One last question: Do
you like this format of questions

76 users voted
Single

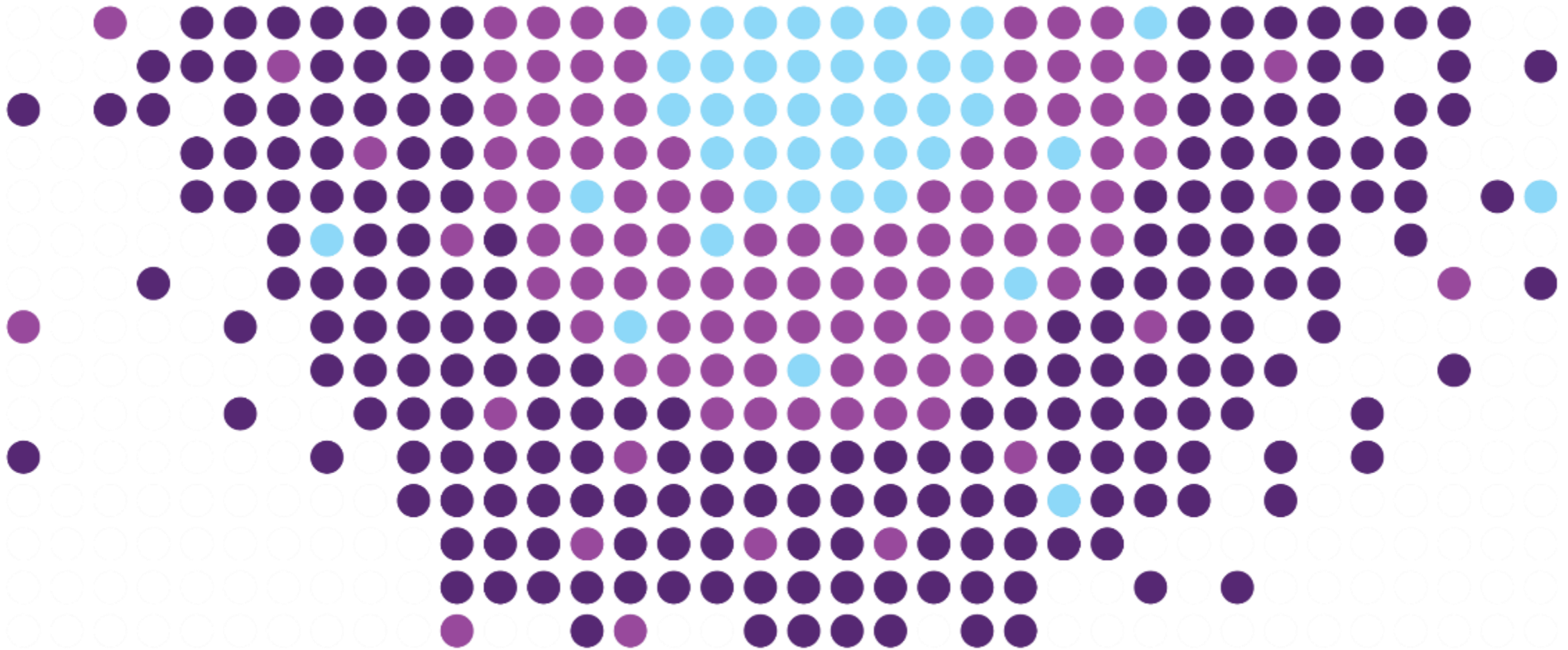


and debate?



Radiotherapy calibrations at the standard laboratory at SCK CEN: moving towards LINAC based calibrations?

Cristian Mihailescu



sck cen

Belgian Nuclear Research Centre

Radiotherapy calibrations at the standard laboratory of SCK CEN: moving towards
LINAC based calibrations

[L.C. Mihailescu](#), [F. Vanhavere](#), [A. Vaniqui De Santana](#)

BHPA 2023 annual symposium 2023-02-10
cristian.mihailescu@sckcen.be, filip.vanhavere@sckcen.be

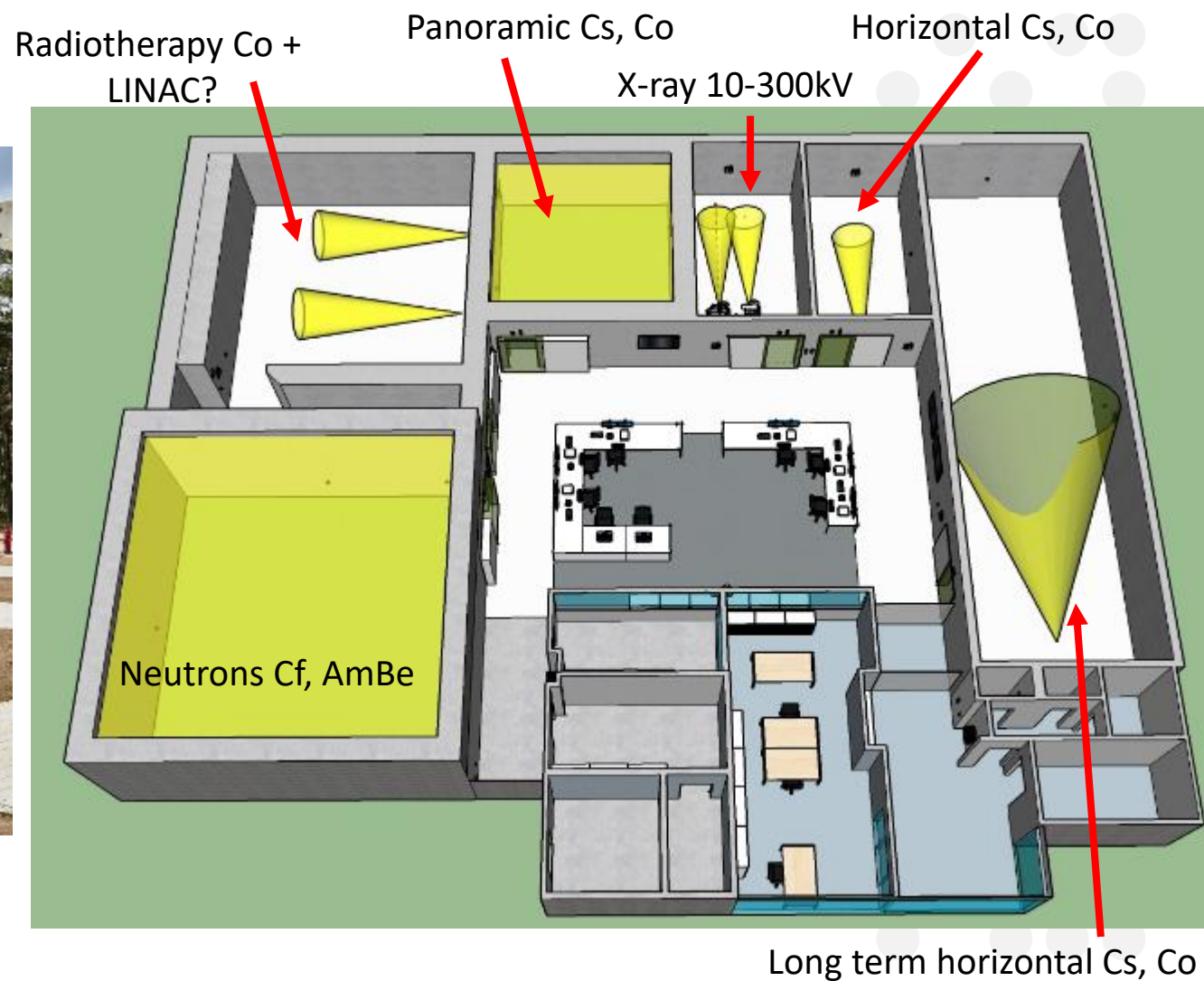
SCK CEN

- SCK CEN (Belgian Nuclear Research Centre) is a Foundation of Public Utility (FPU), with a legal status according to private law and operating under the supervisory authority of the Belgian Energy and Economy ministers.
- SCK CEN:
 - Driven by our passion for science.
 - Boosted by our unique infrastructure.
 - We expand our knowledge in various nuclear areas.
 - Our purpose? Developing innovative applications for society.

Laboratory for Nuclear Calibrations (LNK) of SCK CEN

- Designated Institute for Metrology of Ionizing Radiation in Belgium
 - ISO17025 accredited since more than 20 years
 - Recognized by Ministry of Economic Affairs - BELMET
- Member of EURAMET
 - Participation as internal partner in EURAMET research and harmonization projects
- New building, irradiators and data acquisition since 2021 (reference instruments were preserved → long history)
- LNK maintains the metrological standard for ionizing radiation and provides calibrations for end-users
- Commercial activities: calibrations (radiation protection and radiotherapy dose rates) and irradiations
- SCK CEN=research organization: so research projects are important!

New LNK building since 2021



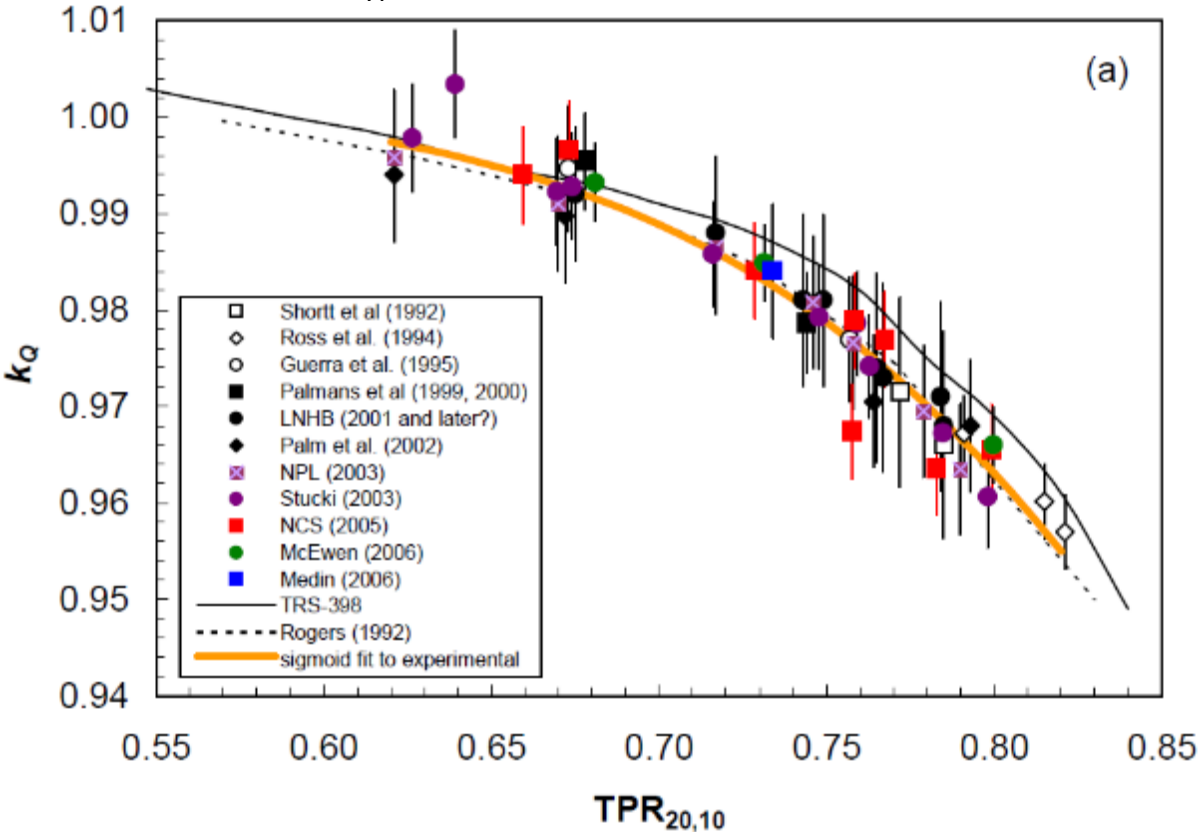
Radiotherapy calibrations at LNK using Co-60

- SAD setup (SCD = 100 cm and $z_{\text{ref}}=5\text{g/cm}^2$, Co-60 horizontal beam, $\sim 50\text{ Gy/h}$ in 2023)
- Traceability:
 - secondary standards for N_{Dw} – NE2571 chambers traceable to VSL(NL)
 - primary standard for N_K – LNK CC01 graphite cavity chamber – BIPM comparison in 2017
- Main goal: uniform traceability of radiotherapy calibrations in Belgium
- No financial support for it!!!
- Long term sustainability...???



Direct calibrations in MV photons at LNK ?

NCS-18 Figure 7: k_Q data from the literature together with the data measured by NCS for the NE 2571 type ionization chamber as function of TPR_{20,10}



NCS-18 Table 11: Estimated combined standard uncertainty on $D_{w,Q}$ at the reference depth in water for a high energy photon beam.

Step 1: Primary Standard Dosimetry Laboratory (NMI, LSDG)		Relative Standard Uncertainty (%)
Type of physical quantity or procedure		
$N_{D,w}$ calibration of the secondary (local) standard at PSDL		0.5
Long term stability of the secondary standard		0.3
Combined uncertainty in Step 1		0.6
Step 2: User beam		
Type of physical quantity or procedure		
Dosimeter reading $M_{corr,Q}$ (incl. influence quantities corrections $\sum k_i$)		0.5
Experimental procedure and stability of the dosimetry system		0.5
Beam quality correction, k_Q (based on NCS and literature data)		0.4
Combined uncertainty in Step 2		0.8
Combined standard uncertainty in $D_{w,Q}$ (Steps 1 + 2)		1.0

- Calibration of the individual ionization chamber not just using the k_Q of the type of chambers.
- Small improvement of uncertainties are expected on $D_{w,Q}$ using chambers calibrated in MV beam qualities (1.0% v.s. 0.9%).
- $D_{w,Q} = M_Q \cdot N_{D,w} \cdot k_Q$ (stated uncertainties are for $k=1$)

Future for radiotherapy calibrations ?

- Other labs in Europe offer already MV calibrations:
 - IAEA (since 2022),
 - PTB,
 - LNHB,
 - NPL.
- Co-60 sources are a significant issue for security.
- LNK may be able to calibrate individual chambers in Co-60 and MV qualities at the same time – extra verification of each chamber
- Possible cost advantage for a combined calibration ...

Possible applications of a LINAC at LNK

- Routine calibrations in MV beams for the Belgian radiotherapy departments (always combined with Co-60 calibrations)
- Customers to test prototypes of doseimeters,
- Research within SCK CEN (microdosimetry, QC in radiotherapy, radiobiology, ...)
- Research with external partners: open for proposals
- Nuclear waste research in collaboration with NIRAS – radiography of waste barrels.

Towards a LINAC at LNK

- Place for a medical LINAC was already foreseen in the LNK building during construction and commissioning
- Medical LINAC:
 - Possibility to acquire second-hand LINAC for a relatively “cheap” price
 - Easier to create the radiotherapy beam qualities.
 - Maintenance costs?
- Possibility of starting a new research program within SCK CEN, suitable for several departments, i.e. from medical applications to nuclear waste, considering both irradiation and imaging capabilities of the LINAC.
- Possibility of using higher energies, which allow better material identification and faster drum imaging in case of nuclear waste research.

Radiology



Hilde Bosmans and Milan Tomsej

Working group radiology

Presided by H Bosmans

Meetings

- Protocol for Cone Beam CT for dental and orthopedic applications
 - V1, finished
- Protocol for Digital Mammography
 - V2, finished
- Protocol for (non CT, non dental) 3D imaging
 - started
- Meeting to discuss the new EFOMP fluoroscopy protocol
- Periodic meetings with Katrien Van Slambrouck (FANC), on interpretation of the Royal Decree

Cont education

- KULAK, March 7, 2023
- March 30, 2023, Experience with photon counting CT scanning (Leuven)
- EUTEMPE-RX is making a new program. Will be announced soon.
 - Most probably a course in Leuven, Nov 2023, on 'advanced QA'

EFOMP & BHPA

EFOMP

H. Bosmans attended the annual meeting with the 'NMOs' (National Membership Organisations)

Organized during the European Conference of Medical Physics (Dublin, Aug 2022).

Actual president is P. Gilligan

Active board

Upcoming European Conference: Munich 2024

Then Valencia, 2026

EFOMP

- We could nominate our successful colleagues for medals
- We could nominate candidate secretaries for EFOMP (or other positions when open) (inform the BHPA board if you are candidate)
- Active -> Help us reply to all questionnaires

EFOMP

- Significant effort put in IT, for communication and e-learning
- Become an 'IAM'
(individual associate member to get access to the e-learning material)
- Several WG on going, or just started. Belgian physicists quite well represented. Show up to your BHPA board / reply to our requests if you want to take part
- Working at European accreditation for medical physcists

EFOMP and Enen++

ENEN++ is a newly approved EU project, in which EFOMP is also involved.

ENEN++ provides travel grants for education and training:

The eligibility to participate in ENEN# mobility is limited to:

- a citizen of an EU member applying for mobility anywhere;
- a citizen of any country applying for mobility to EU.
- a citizen of Japan, for example, is eligible to apply for mobility to Germany and ineligible to apply for mobility to USA.

International affairs

Klaus Bacher

- EURAMED:
 - EU calls for medical radiation protection research are emerging
 - Topics:
 - “Developing knowledge base for a better understanding of disease pathogenesis of ionizing radiation-induced cancer to improve risk assessment.”
 - “Individualised diagnostic as well as therapeutic procedures with regard to optimisation of the benefit/risk ratio.”

- EFOMP Education and training:
 - There will be a new digital platform for EFOMP courses in the near future
 - Update core curriculum for MPEs ongoing; proposal probably available for comments by the end of March 2023.

- EFOMP Position Statement on dosimetry in radionuclide therapy
 - Expert group drafting an EFOMP position statement
 - (Probably) last meeting will be in Ghent, end of March
 - Position Statement document will be circulated for input/comments

Nuclear Medicine

Bruno Vanderlinden

Nuclear Medicine Workgroup 22-23

- We only met once
- Subworkgroup and reference colleagues:
 - Gamma Camera Acceptance and Quality Control: Delphine VANDENDRIESSCHE & Benoit COLLETTE
 - PET Acceptance and Quality Control: Claire BERNARD & Laurence BEELS
 - Radionuclide calibrator Acceptance and Quality Control: Nicolas TROTTA & Kristof BAETE
 - MPE trainee information: Delphine VANDENDRIESSCHE & Laurence BEELS
 - Medical Device Regulation (MDR): Wies DECKERS & Thomas GUIOT
 - Gamma Counter Acceptance and Quality Control: Gwennaëlle Marin
- Topics that we still have to implement:
 - QA of imaging used for RT planning (registration,...)
 - Radiomics

⇒ Message to heads of Medical Physics departments:

- We are **STILL** too few
- And so too busy and expert (expensive) to make RPO tasks!

Radiotherapy

Bert Bakelandt

Workgroup radiotherapy: RT-24

Chairman: Bert Bakelandt

Aiming to bring radiotherapy centers together, share experience

- New concept: meeting at one of the departments followed by a department tour

Yearly meetings 2 at department + 1 at BHPA (to be evaluated)

- First meeting Oct '22 Sint-Jan Bruges: interactive session on MPE workload, (MPE/MPA) legislation,...
- Next meeting Saturday 11/02/2023 at BHPA at 10h → We try to have every center represented
- Organising continual education at B-STRO 6-7 Oct. Topic to be agreed on tomorrow.

BELDART

Burak Yalvac

BELdART

BELgian dosimetry Audits in Radio Therapy

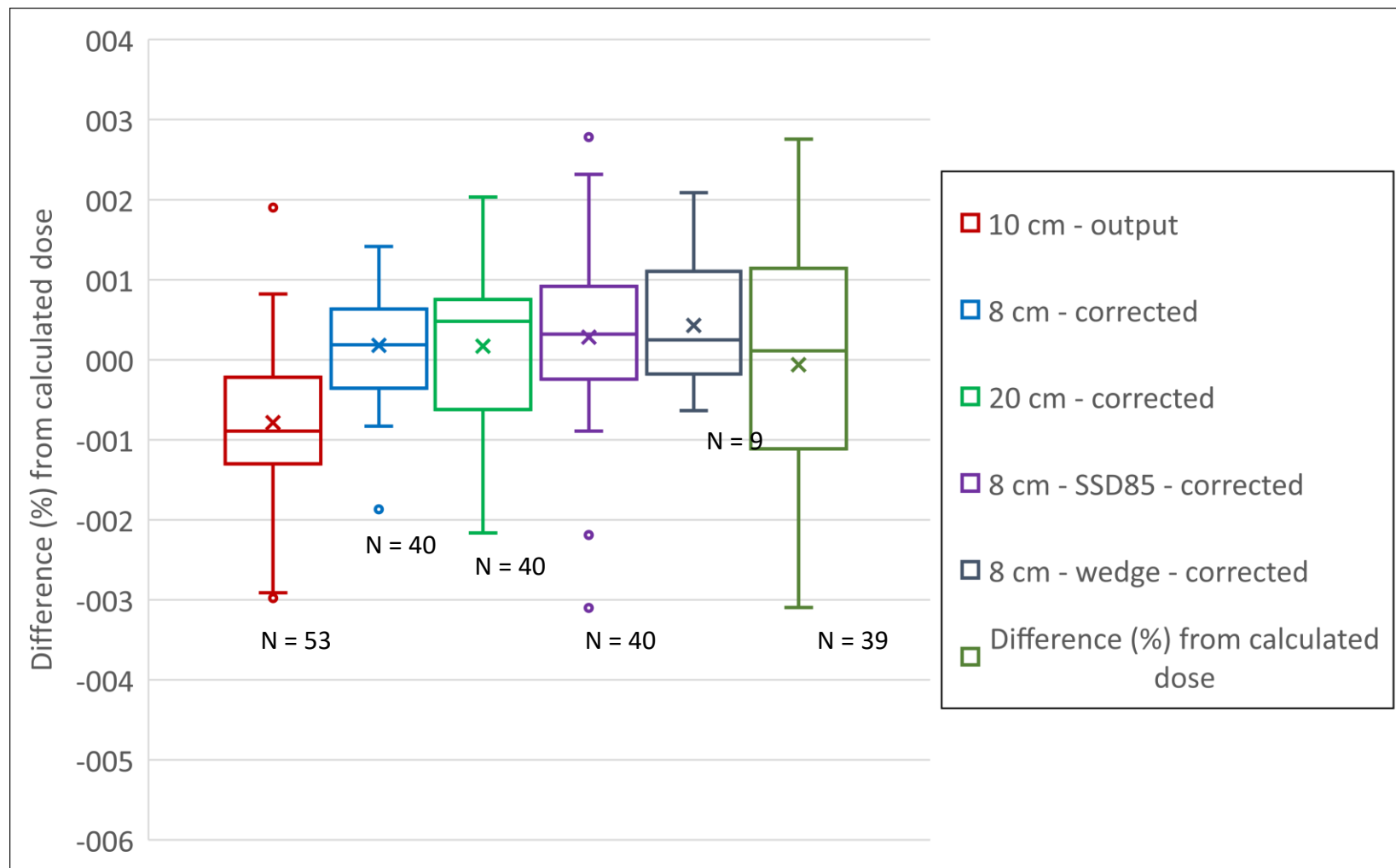
Results of the Belgian dosimetry audits in 2022

B. Yalvac, B. Reniers

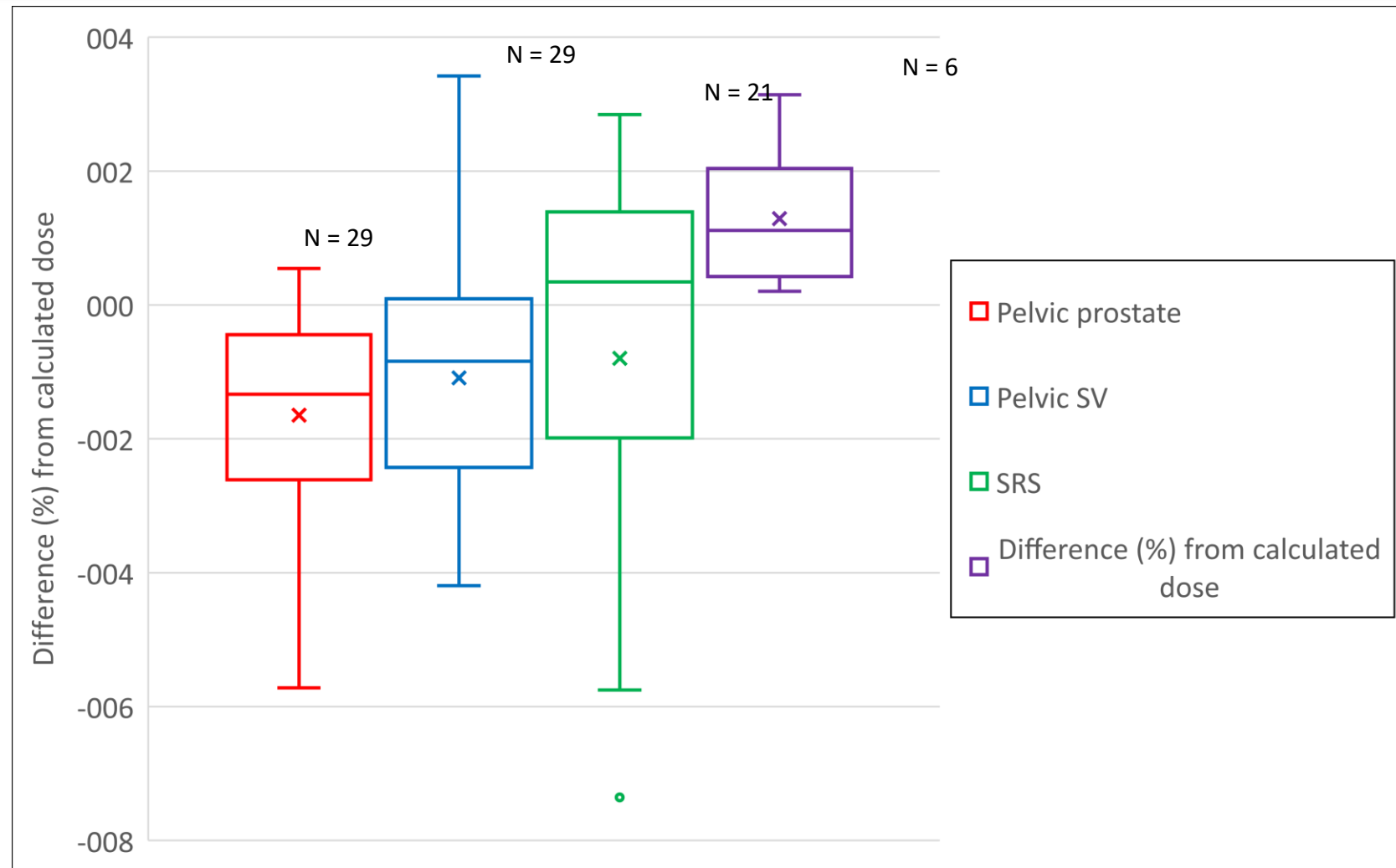
Results basic tests (2022-now)



BELdART



Alanine results E2E tests (2022-now)



BELdART



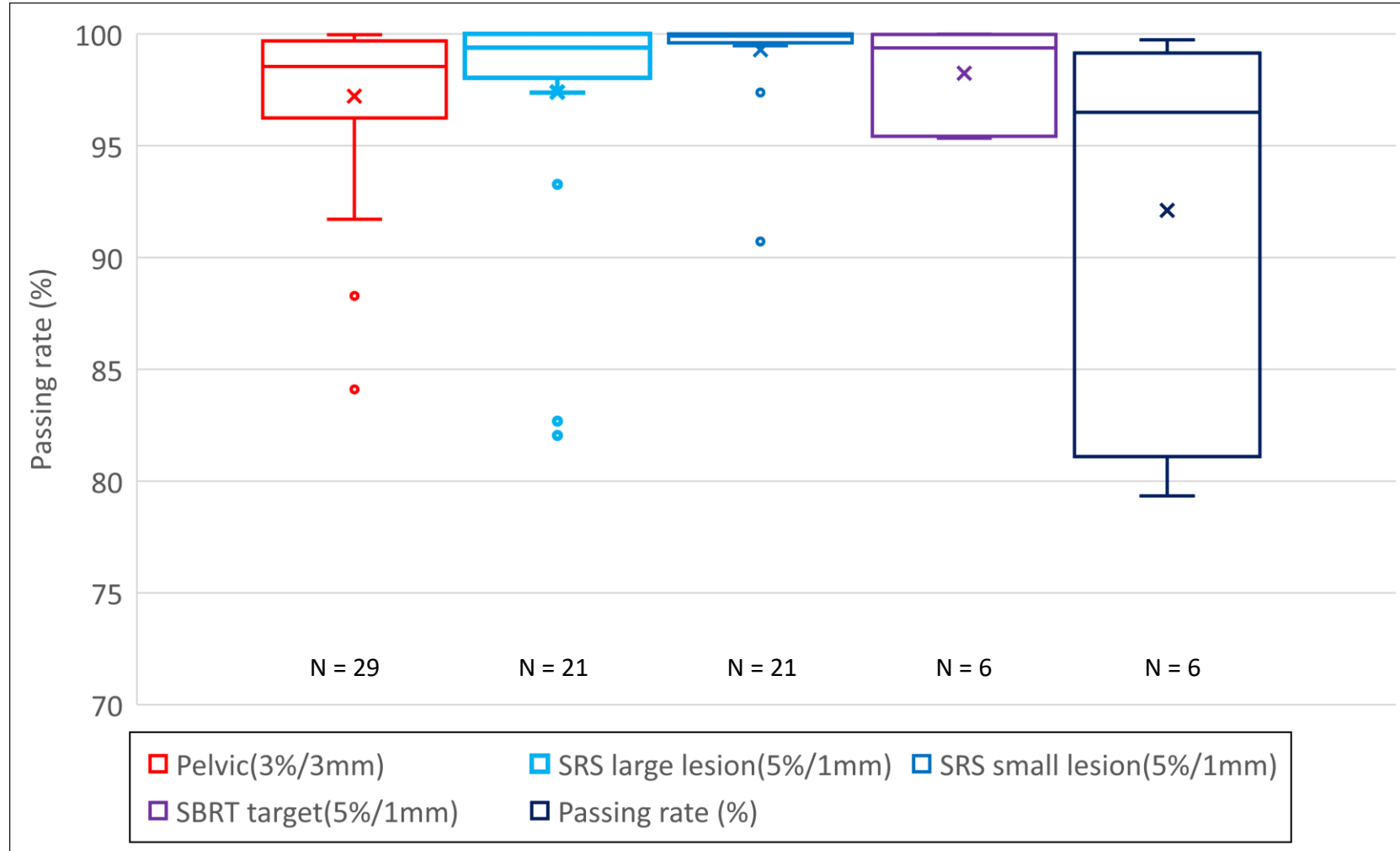
NuTeC
Nucleair Technologisch Centrum



Film results E2E tests (2022-now)



BELdART



Results electron output (2022-now)



BELdART



NuTeC
Nucleair Technologisch Centrum

BHPA 2023 - BELdART - Feb 10, 2023

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UHASSELT

Conclusions



- Results basic tests photons good
- Some E2E results under investigation
- Confirmed human error at some electron beam output results
 - Followup audits planned

BELdART

Update RD medical exposure



- The BELdART team is preparing for the new RD [Art. 30 §5](#) and [Art. 32 §6](#)
 - New tabletop EPR spectrometer acquired
 - Commissioning in process
 - Audit procedures updated
 - Results basic tests and alanine results are distributed first
 - Film results and official report is sent later

BELdART

Acknowledgements



BELdART



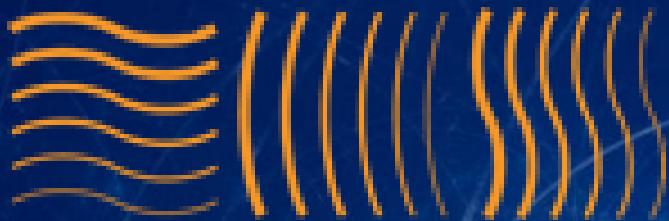
NuTeC
Nucleair Technologisch Centrum

BHPA 2023 - BELdART - Feb 10, 2023

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UHASSELT



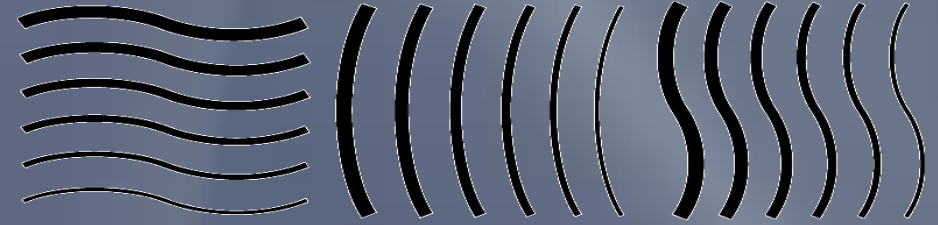
Nederlandse Commissie voor Stralingsdosimetrie

NCS

Geert Pittomvils

**Nederlandse Commissie voor
Stralingsdosimetrie**

Netherlands Commission on Radiation Dosimetry

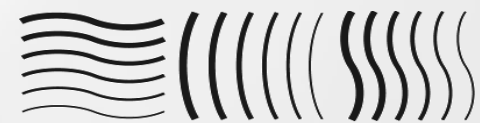


Overview NCS Subcommittees

And other activities

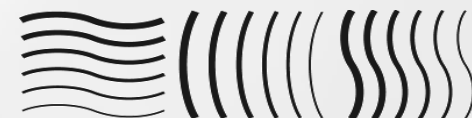
Two main Activities

- Platform
 - More government oriented activities
 - 4 working groups
 - 6 Formal NCS communications
- Subcommittees
 - More practical activities
 - Practical question from the platform?
→ NCS board → subcommittee



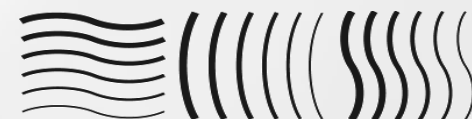
Subcommittees

- Dosimetry
 - Dosimetry for Scanned Pencil Beam Proton Therapy
Chair: Marc-Jan van Goethem (UMCG, Groningen)
total 11 persons
 - Radiation Protection and Dosimetry of the Extremities
Chair: Robert Kollaard (NRG, Arnhem)
total 14 persons



Subcommittees

- QA
 - Code of Practice and Recommendations for Stereotactic Body Radiotherapy
Chair: Johan Cuijpers (VUMC, Amsterdam)
total 10 persons
 - Quality control of linear accelerators
Chair: Bas Gobets (LUMC, Leiden)
total 9 persons
 - MRI QC for RT
Chair: Zdenko van Kesteren (AMC, Amsterdam)
total 11 persons
 - Intra operative radiotherapy
Chair: Stephane Simon (Jules Bordet, Brussels)
total 10 persons



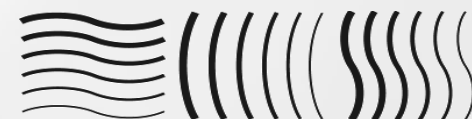
Subcommittees

- QA
 - Clinical application of deformable image registration and auto-segmentation in radiotherapy
Chair: Wouter van Elmpt (Maastrro, Maastricht)
total 9 persons
 - Quality control and dosimetry for MRI-guided-radiotherapy
Chair: Jochem Wolthaus (UMC, Utrecht)
total 12 persons
 - Quality Assurance of fan-beam CT for Radiotherapy
Chair: Evelien Bogaert (UZ Gent, Gent)
total 13 persons



Funding of the NCS

- Initially by payment when acquiring a NCS report
- Later by contributions of the supporting societies
 - BHPA, NVKF, NVKFM, NVNG, NVRO, NVRT, NVvR, NVS, NVMBR, VSL, NMi
- This resulted in an open domain access for all NCS reports



IFIC Legislation

Jan Vandecasteele

IFIC

1. MPA working group

- 1 meeting with 10 colleagues from several university and non university hospitals
- IFIC 15
- Shared function and competence profile

2. Missing functions were declared to IFIC

- head of department of Medical Physics
- assistant medical physics (MPA)

IFIC:

These job(s) are recorded and analyzed for the maintenance of the sectoral job guide. We remind you that creating a sector function is a long process that **may take several years**. Nevertheless, your contribution is an important starting point for continuity of work. We thank you again for your valuable contribution.

Legislation

On september 14th 2022 BHPA gave feedback on the proposed changes of the royal decree medical exposures (“toiletage”).

Many members participated to this feedback, Thank you!

Timeline:

Start stakeholder consultation revision RD Medical Exposures : 19/07/2022

Processing comments and adapting text based on comments received : 16/09/2022 - 15/12/2022

Start official request for advice : 18/01/2023 (may take about six months)

Then the text will have to go to the government, the State Council, parliament and finally to the King for signature.

Expected publication in the Staatsblad/Moniteur: early 2024

Website

Eric Messens and Piet Stevens

Hosting

- <https://www.corecrew.be/nl>



BELGIAN HOSPITAL PHYSICISTS ASSOCIATION

BHPA is a Belgian organization of scientists who want to ensure accurate and safe use of technology and ionizing radiation in medical procedures such as radiology, nuclear medicine and radiation therapy. We are generally known as medical physicists and are uniquely qualified to link the medical doctor to the patient through the responsible use of technology in both diagnosing and treating people. The main responsibility of the medical physicist is to assure that the radiation prescribed to the patient is delivered accurately and safely.

[MORE ABOUT US](#)[BECOME A MEMBER](#)

More information on professional matters and internal affairs becomes a

The screenshot shows the Drupal administration interface. At the top is a dark navigation bar with links: Back to site, Manage, Shortcuts, and a user profile for Piet Stevens. Below this is a lighter bar with icons for Content, Media, Structure, Appearance, Extend, Configuration, People, Reports, and Help. The main content area is titled 'Help' and contains a 'Getting Started' section. This section provides instructions on how to configure the website, enable additional functionality, customize the design, and start posting content. It also includes a 'Module overviews' section with a grid of links to various modules. At the bottom, there is a 'Tours' section with links to guides for adding/editing languages, language translation, and viewing/editing pages.

Home » Administration

Getting Started

Follow these steps to set up and start using your website:

1. **Configure your website** Once logged in, visit the [Administration page](#), where you may customize and configure all aspects of your website.
2. **Enable additional functionality** Next, visit the [Extend page](#) and enable modules that suit your specific needs. You can find additional modules at the [Drupal.org modules page](#).
3. **Customize your website design** To change the "look and feel" of your website, visit the [Appearance page](#). You may choose from one of the included themes or download additional themes from the [Drupal.org themes page](#).
4. **Start posting content** Finally, you may add [new content](#) to your website.

For more information, refer to the help listed on this page or to the [online documentation](#) and [support pages](#) at [drupal.org](#).

Module overviews

Module overviews are provided by modules. Overviews available for your installed modules:

<ul style="list-style-type: none">Admin ToolbarAdmin Toolbar Extra ToolsAdmin Toolbar SearchAutomated CloneBackup and MigrateBlockBreakpointCKEditorCalendarChart ToolsColorCommentConfiguration ManagerConfiguration TranslationContactContact storageContent Access	<ul style="list-style-type: none">Contextual LinksCustom BlockCustom Menu LinksDatabase LoggingDataviewDisplay SuiteFieldField GroupField UIFileFiberGeolocationGoogle AnalyticsHelpHistoryImageInterface Translation	<ul style="list-style-type: none">Internal Dynamic Page CacheInternal Page CacheLanguageLayout DiscoveryLinkMail SystemMenu UINodeOptionsPathParhauseProduction CheckQuick EditRFQRESTful Web ServicesSearchSerialization	<ul style="list-style-type: none">ShortcutSwift MailerSystemTaxonomyTelephoneTextText EditorTokenToolbarTourUpdate ManagerUserViewsViews Data ExportViews UIWebformXML-RPC
---	---	---	--

Tours

Tours guide you through workflows or explain concepts on various user interface pages. The tours with links in this list are on user interface landing pages; the tours without links will show on individual pages (such as when editing a View using the Views UI module). Available:

<ul style="list-style-type: none">Adding languagesEditing languages	<ul style="list-style-type: none">LanguageTranslation	<ul style="list-style-type: none">View edit page
--	--	--

-Drupal

-Simple layout of BHPA website

Payments with Mollie

- <https://www.mollie.com/be/payments>

mollie

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Login

Sign up

Market
België

↓

Currency
Euros (EUR)

↓

PAYMENT METHOD	MARKET	PER TRANSACTION
<div> Bancontact</div>	België	€ 0.39

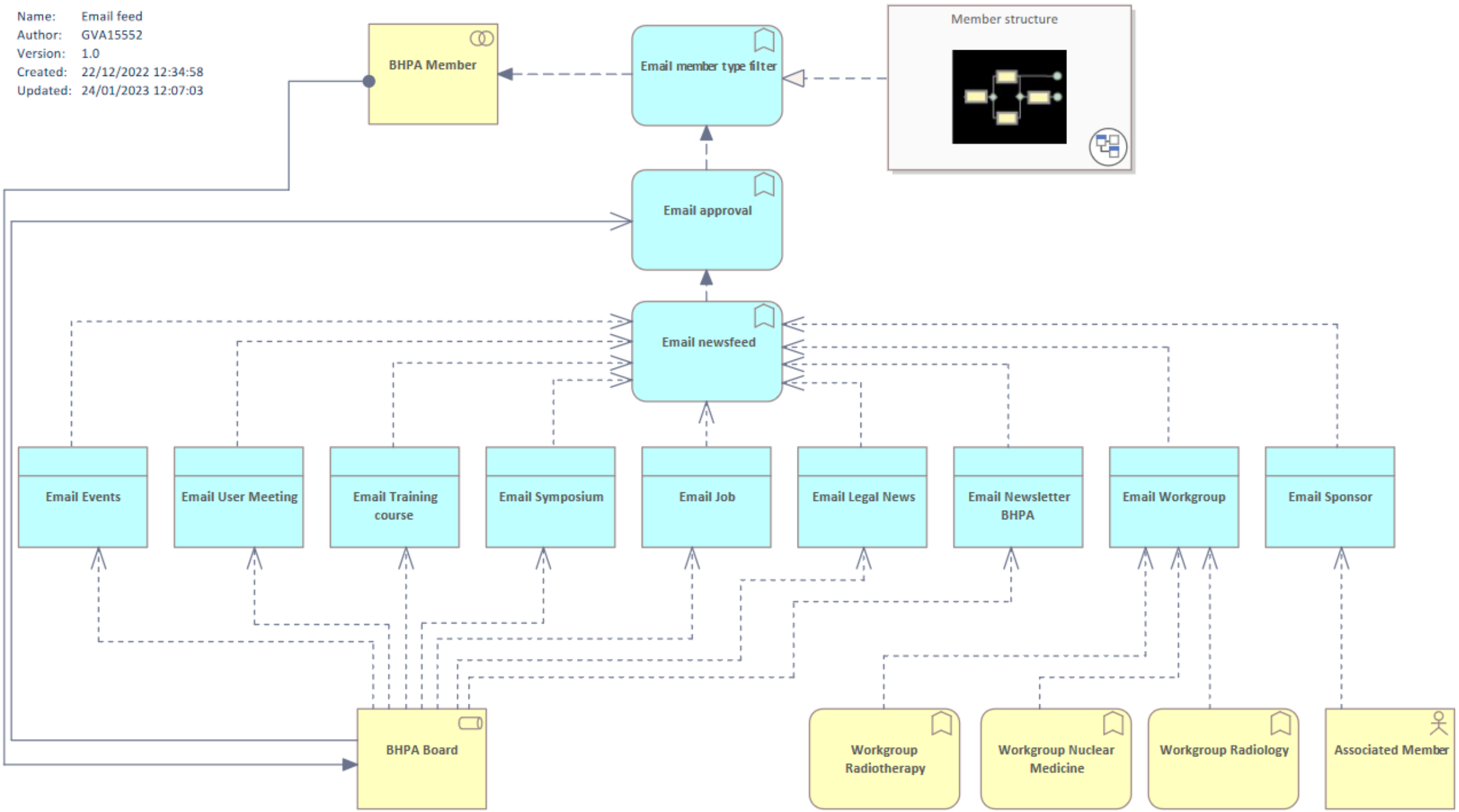
Symposium website

- Reusable
- Integrated in BHPA website
- Use membership payment system and info
- <https://www.bhpa.eu/symposium2021>
- <https://www.bhpa.eu/symposium2023>

Mailing

- Website workgroup:
 - Eric Messens
 - Piet Stevens
- Task of BHPA board: improve mailing
- Currently mail to all members
- Use of Jan his hospital mail
- Implement filters based on member structure

Name: Email feed
Author: GVA15552
Version: 1.0
Created: 22/12/2022 12:34:58
Updated: 24/01/2023 12:07:03



The background is a deep blue with a complex pattern of thin, white, overlapping circles and intersecting lines, creating a sense of depth and movement. A prominent, slightly curved white line runs diagonally across the frame from the upper left towards the lower right. The word "Varia" is written in a clean, white, sans-serif font on the left side of the image.

Varia

IUPESM WC2028

IUPESM = IOMP + IFMBE

150,000 medical physicists and biomedical engineers working on the physical and engineering science of medicine.

Belgium candidate to organise the world congress in 2028

± 6000 participants

Competition:

Belgium

Ireland

Mexico

Sweden

USA

Rentals

- New Electrometer
- New Farmer chamber



Save the date



Save the date

- May 5, 2023: BVS-ABR Scientific meeting on 'education & training in radiation protection for medical professionals medical'
- June 9: BVS-ABR E&T event on 'new radiotherapeutic techniques'

More info: <https://www.bvsabr.be>





Other useful information

Mobility funding for early career researchers & professionals

■ PIANOFORTE

European Partnership for Radiation Protection Research

- Travel grants for early career researchers
- Travel grants for early career radiation protection professionals

<https://pianoforte-partnership.eu>



■ ENEN2plus

Building European Nuclear Competence through continuous Advanced and Structured Education and Training Actions

- Mobility grants (individual and group actions)

<https://enen2plus.eu>



Thank you !