

**2019 IFMP-Workshop: Hybrid
/ Multimodality Medical
Imaging September 16 - 20**

Report of Contributions

Contribution ID: 3

Type: **not specified**

Welcome

Wednesday, 16 October 2019 12:45 (15 minutes)

Primary author: DANIELA, Miladinova

Presenter: MILADINOVA, Daniela

Session Classification: First Session

Contribution ID: 4

Type: **not specified**

Medical Physics in Macedonia

Wednesday, 16 October 2019 13:00 (15 minutes)

Primary author: SONJA, Petkovska

Presenter: PETKOVSKA, Sonja

Session Classification: First Session

Contribution ID: 5

Type: **not specified**

Medical Imaging - Review

Wednesday, 16 October 2019 13:15 (50 minutes)

Primary author: Dr LEMOIGNE, Yves (TERA Foundation (IT))

Presenter: Dr LEMOIGNE, Yves (TERA Foundation (IT))

Session Classification: First Session

Contribution ID: 6

Type: **not specified**

Interactions of Biomedical Oscillations

Wednesday, 16 October 2019 14:05 (30 minutes)

Presenter: STANKOVSKI, Tomislav

Session Classification: First Session

Contribution ID: 7

Type: **not specified**

From Model-based to Patient Specific Dosimetry in Nuclear Medicine

Wednesday, 16 October 2019 10:45 (50 minutes)

Presenter: BARDIES, Manuel

Session Classification: Session 1: Medical Physics in Nuclear medicine

Contribution ID: 8

Type: **not specified**

Effective Dose Estimation and Risk

Wednesday, 16 October 2019 11:35 (30 minutes)

Presenter: ZDRAVESKA, Marina

Session Classification: Session 1: Medical Physics in Nuclear medicine

Contribution ID: 9

Type: **not specified**

Introduction to CT

Wednesday, 16 October 2019 12:05 (30 minutes)

Presenter: HAGLUND, Julie

Session Classification: Session 1: Medical Physics in Nuclear medicine

Contribution ID: **10**

Type: **not specified**

SPECT/CT Instrumentation And Clinical Applications

Wednesday, 16 October 2019 15:15 (50 minutes)

Presenter: MILADINOVA, Daniela

Session Classification: Session 2: Medical Imaging

Contribution ID: 11

Type: **not specified**

Dose Optimization And Methods In MDCT

Wednesday, 16 October 2019 16:05 (30 minutes)

Presenter: GERSHAN, Vesna

Session Classification: Session 2: Medical Imaging

Contribution ID: 12

Type: **not specified**

PET Principals And History

Thursday, 17 October 2019 07:00 (50 minutes)

Presenter: RAUSCH, Ivo

Session Classification: Session 3: PET & Main Applications, Chair: Sonja PETKOVSKA, ACIBADEM Sistina, Skopje

Contribution ID: 13

Type: **not specified**

Clinical applications of FDG in PET/CT

Thursday, 17 October 2019 07:50 (50 minutes)

Presenter: TALBOT, J-N

Session Classification: Session 3: PET & Main Applications, Chair: Sonja PETKOVSKA, ACIBADEM Sistina, Skopje

Contribution ID: 14

Type: **not specified**

Clinical PET CT With Other Tracers

Thursday, 17 October 2019 09:15 (50 minutes)

Presenter: TALBOT, J-N

Session Classification: Session 4: More PET Imaging Applications, Chair: Marina ZDRAVESKA-KOCEVSKA, Skopje

Contribution ID: 15

Type: **not specified**

Research Example By Small Animal PET

Thursday, 17 October 2019 10:05 (30 minutes)

Presenter: Dr LEMOIGNE, Yves (TERA Foundation (IT))

Session Classification: Session 4: More PET Imaging Applications, Chair: Marina ZDRAVESKA-KOCEVSKA, Skopje

Contribution ID: 16

Type: **not specified**

Varian - Opportunities in early diagnosis and treatment

Thursday, 17 October 2019 10:35 (30 minutes)

Presenter: ZOGLOPITOU, Lydia

Session Classification: Session 4: More PET Imaging Applications, Chair: Marina ZDRAVESKA-KOCEVSKA, Skopje

Contribution ID: 17

Type: **not specified**

PET Quality Control And Quantification

Thursday, 17 October 2019 13:00 (50 minutes)

Presenter: RAUSCH, Ivo

Session Classification: Session 5: PET Complements

Contribution ID: **18**

Type: **not specified**

PET in Norway

Thursday, 17 October 2019 13:50 (30 minutes)

Presenter: HAGLUND, Julie

Session Classification: Session 5: PET Complements

Contribution ID: 19

Type: **not specified**

Images in Radiotherapy CT PET/CT

Thursday, 17 October 2019 14:20 (30 minutes)

Presenter: PETKOVSKA, Sonja

Session Classification: Session 5: PET Complements

Contribution ID: **20**

Type: **not specified**

PET-MRI

Thursday, 17 October 2019 15:15 (1 hour)

Presenter: BIDAUT, Luc

Session Classification: Session 6: Hybrids Systems: PET/MR ; Chair: P.R. ALTIERI, Bari University, Italy

Contribution ID: 21

Type: **not specified**

CHERRIE

Thursday, 17 October 2019 16:15 (30 minutes)

Presenter: VOSNIAKOS, Fokion

Session Classification: Session 6: Hybrids Systems: PET/MR ; Chair: P.R. ALTIERI, Bari University, Italy

Contribution ID: 22

Type: **not specified**

General Risks with Radiation

Friday, 18 October 2019 07:00 (30 minutes)

Presenter: MEDVEDEC, Mario

Session Classification: Session 7: Radiation Protection in MP applications ; Chair: P. Le Dù, IEEE.org

Contribution ID: 23

Type: **not specified**

Radiation Protection Optimization Example

Friday, 18 October 2019 07:30 (30 minutes)

Presenter: MEDVEDEC, Mario

Session Classification: Session 7: Radiation Protection in MP applications ; Chair: P. Le Dù,
IEEE.org

Contribution ID: 24

Type: **not specified**

Patient Worker Public Radiation Protection

Friday, 18 October 2019 08:00 (50 minutes)

Presenter: MEDVEDEC, Mario

Session Classification: Session 7: Radiation Protection in MP applications ; Chair: P. Le Dù, IEEE.org

Contribution ID: 25

Type: **not specified**

Shielding requirements for PET/CT

Friday, 18 October 2019 09:15 (30 minutes)

Presenter: HAGLUND, Julie

Session Classification: Session 8: PET Versus HEP Transfers to Medical Physics ; Chair: Ivo Rausch, Vienna, Austria

Contribution ID: 26

Type: **not specified**

Application of Fundamental Physics in Medicine

Friday, 18 October 2019 09:45 (50 minutes)

Presenter: LE DU, Patrik

Session Classification: Session 8: PET Versus HEP Transfers to Medical Physics ; Chair: Ivo Rausch, Vienna, Austria

Contribution ID: 27

Type: **not specified**

Developments in PET from HEP

Friday, 18 October 2019 10:35 (30 minutes)

Presenter: LITOV, Leandar

Session Classification: Session 8: PET Versus HEP Transfers to Medical Physics ; Chair: Ivo Rausch, Vienna, Austria

Contribution ID: 28

Type: **not specified**

Hadrontherapy principles

Friday, 18 October 2019 13:00 (50 minutes)

Presenter: ALTIERI, Palma Rita

Session Classification: Session 9: Use of PET in Hadrontherapy ; Chair: M. Medvedec, Zagreb, Croatia

Contribution ID: 29

Type: **not specified**

On line dose monitoring

Friday, 18 October 2019 13:50 (30 minutes)

Presenter: ALTIERI, Palma Rita

Session Classification: Session 9: Use of PET in Hadrontherapy ; Chair: M. Medvedec, Zagreb, Croatia

Contribution ID: **30**

Type: **not specified**

Particle Therapy - the future

Friday, 18 October 2019 14:20 (30 minutes)

Presenter: LE DU, Patrik

Session Classification: Session 9: Use of PET in Hadrontherapy ; Chair: M. Medvedec, Zagreb, Croatia

Contribution ID: **31**

Type: **not specified**

Final Discussion

Friday, 18 October 2019 15:15 (30 minutes)

Presenters: PETKOVSKA, Sonja; Dr LEMOIGNE, Yves (TERA Foundation (IT))

Session Classification: Session 10: Open Discussion & Conclusions ; Chair: D. Miladinova & Y. Lemoigne

Contribution ID: **32**

Type: **not specified**

End of the workshop

Friday, 18 October 2019 15:45 (30 minutes)

Session Classification: Session 10: Open Discussion & Conclusions ; Chair: D. Miladinova & Y. Lemoigne

Contribution ID: 33

Type: **Powerpoint presentation or pdf**

FROM HEP TO PET/CT

Summary