



DRESDEN, OCTOBER 5-7, 2016




FINAL MEETING

HELMHOLTZ VIRTUAL INSTITUTE “NANOTRACKING”

HOTEL: SCHLOSS ECKBERG, DRESDEN
WWW.SCHLOSS-ECKBERG.DE/EN

ORGANIZERS & CONTACT:

HOLGER STEPHAN
KRISTOF ZARSCHLER
MARITA KERSTEN

 H.STEPHAN@HZDR.DE
 K.ZARSCHLER@HZDR.DE
 M.KERSTEN@HZDR.DE

INVITED SPEAKERS

MARTIN HRUBY

INSTITUTE OF MACROMOLECULAR CHEMISTRY, ACADEMY OF SCIENCES OF THE
CZECH REPUBLIC, PRAGUE, CZECH REPUBLIC

LUCA PRODI

DIPARTIMENTO DI CHIMICA, UNIVERSITÀ DI BOLOGNA, BOLOGNA, ITALY

CARLOS LODEIRO ESPIÑO

DEPARTAMENTO DE QUÍMICA, UNIVERSIDADE NOVA DE LISBOA, LISBON,
PORTUGAL

JOSÉ LUIS CAPELO MARTÍNEZ

DEPARTAMENTO DE QUÍMICA, UNIVERSIDADE NOVA DE LISBOA, LISBON,
PORTUGAL

WOLFGANG PARAK

RESEARCH GROUP BIOPHOTONICS, DEPARTMENT OF PHYSICS, PHILIPPS
UNIVERSITY OF MARBURG, MARBURG, GERMANY

GERD ULRICH NIENHAUS

INSTITUTE OF APPLIED PHYSICS, KARLSRUHE INSTITUTE OF TECHNOLOGY,
KARLSRUHE, GERMANY

SILKE GUNDEL

BRUSSELS OFFICE OF THE HELMHOLTZ ASSOCIATION



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FINAL MEETING

HELMHOLTZ VIRTUAL INSTITUTE “NANOTRACKING”

HZDR

 **HELMHOLTZ**
ZENTRUM DRESDEN
ROSSENDORF

OCTOBER 5

VENUE: HOTEL SCHLOSS ECKBERG

05:30 P.M. - 05:50 P.M. **REGISTRATION**

05:50 P.M. - 06:00 P.M. **OPENING**

06:00 P.M. - 07:00 P.M. **INVITED TALK**
"QUANTITATIVE FLUORESCENCE MICROSCOPY OF NANOPARTICLES INTERACTING WITH PROTEINS AND CELLS"
PROF. GERD ULRICH NIENHAUS
INSTITUTE OF APPLIED PHYSICS, KARLSRUHE INSTITUTE OF TECHNOLOGY, KARLSRUHE, GERMANY

07:00 P.M. - OPEN END **SNACKS & GET-TOGETHER**

OCTOBER 6

VENUE: HZDR, BUILDING 114, ROOM 201/202

09:00 A.M. - 09:15 A.M. **BUS TRANSFER FROM HOTEL TO HZDR**

09:30 A.M. - 10:00 A.M. **WELCOME ADDRESS**

MORNING SESSION **SUMMARY OF FIVE YEARS HELMHOLTZ VIRTUAL INSTITUTE NANOTRACKING**

10:00 A.M. - 10:30 A.M. "OVERVIEW OF FIVE YEARS NANOTRACKING"
DR. HOLGER STEPHAN

10:30 A.M. - 10:50 A.M. "NANOPARTICLE COATING STRATEGIES TO COUNTER BIOMOLECULAR CORONA FORMATION"
DR. KARINA POMBO GARCÍA

10:50 A.M. - 11:15 A.M. "UPCONVERTING NANOPARTICLES FOR BIOMEDICAL APPLICATIONS"
DR. MASSIMO SGARZI

11:15 A.M. - 11:30 A.M. **COFFEE BREAK**

11:30 A.M. - 11:55 A.M. "ULTRASMALL SILICON NANOPARTICLES: PROGRESS AND MILESTONES TOWARDS BIOIMAGING"
DR. NADIA LICCIARDELLO

11:55 A.M. - 12:15 A.M. "SYNTHESIS, RADIOLABELING AND CELLULAR UPTAKE OF CARBOHYDRATE BASED GOLD NANOCCLUSERS"
SILVIA VARELA & KRITEE PANT

12:15 A.M. - 12:40 A.M. "RECEPTOR-MEDIATED MULTIMODAL IMAGING USING POLYGLYCEROL BASED NANOPARTICLES"
KRITEE PANT

12:40 A.M. - 01:00 P.M. "NANOPARTICLE TARGETING OF THE EGF-RECEPTOR"
DR. KRISTOF ZARSCHLER

01:00 P.M. - 02:30 P.M. **LUNCH BREAK**

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FINAL MEETING

HELMHOLTZ VIRTUAL INSTITUTE "NANOTRACKING"

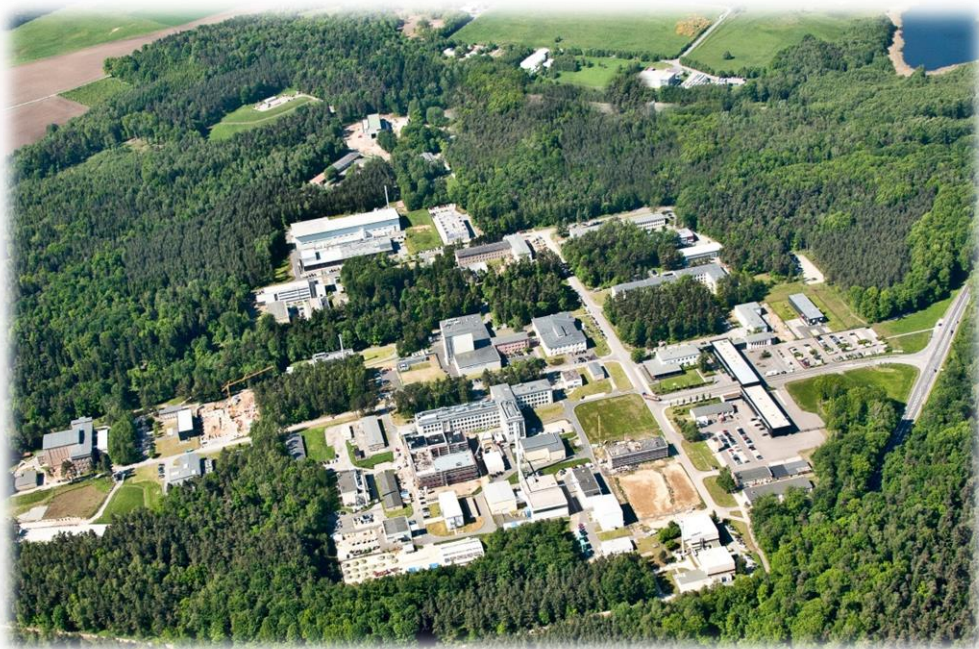
hzdr

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ZENTRUM DRESDEN
ROSSENDORF

AFTERNOON SESSION

EU FUNDING - EXPERIENCES, ACHIEVEMENTS, SUGGESTIONS AND SETBACKS

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| 02:30 P.M. - 03:30 P.M. | <p>EU FUNDING OPPORTUNITIES</p> <p>DR. SILKE GUNDEL</p> <p>BRUSSELS OFFICE OF THE HELMHOLTZ ASSOCIATION</p> |
| 03:30 P.M. - 04:15 P.M. | <p>ERC ADVANCED GRANT</p> <p>PROF. LUISA DE COLA</p> <p>INSTITUTE OF NANOTECHNOLOGY, KARLSRUHE INSTITUTE OF TECHNOLOGY (KIT), EGGENSTEIN-LEOPOLDSHAFEN, GERMANY</p> |
| 04:15 P.M. - 04:30 P.M. | <p>COFFEE BREAK</p> |
| 04:30 P.M. - 05:15 P.M. | <p>FP7 "FUTURENANO NEEDS"</p> <p>PROF. KENNETH A. DAWSON</p> <p>CENTRE FOR BIONANO INTERACTIONS, SCHOOL OF CHEMISTRY & CHEMICAL BIOLOGY, UNIVERSITY COLLEGE DUBLIN, DUBLIN, IRELAND</p> |
| 05:15 P.M. - 05:35 P.M. | <p>HORIZON 2020 RESEARCH AND INNOVATION ACTION "PETAB"</p> <p>DR. KRISTOF ZARSCHLER</p> <p>INSTITUTE OF RADIOPHARMACEUTICAL CANCER RESEARCH, HELMHOLTZ-ZENTRUM DRESDEN - ROSSENDORF (HZDR), DRESDEN, GERMANY</p> |
| 05:35 P.M. - 05:55 P.M. | <p>MARIE SKŁODOWSKA CURIE INTERNATIONAL OUTGOING FELLOWSHIP "LIGHT-CORM-CAT"</p> <p>DR. MANJA KUBEIL</p> <p>INSTITUTE OF RADIOPHARMACEUTICAL CANCER RESEARCH, HELMHOLTZ-ZENTRUM DRESDEN - ROSSENDORF (HZDR), DRESDEN, GERMANY</p> |
| 05:55 P.M. - 06:30 P.M. | <p>DISCUSSION</p> |
| 06:30 P.M. - 06:45 P.M. | <p>BUS TRANSFER FROM HZDR TO HOTEL</p> |
| 07:30 P.M. - 09:00 P.M. | <p>DINNER</p> |



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OCTOBER 7

VENUE: HZDR, BUILDING 114, ROOM 201/202

09:00 A.M. - 09:15 A.M. **BUS TRANSFER FROM HOTEL TO HZDR**

MORNING SESSION

NANOMEDICINE IN EUROPE - FUNDING BEYOND EU

09:30 A.M. - 10:00 A.M.

DR. MARTIN HRUBY

INSTITUTE OF MACROMOLECULAR CHEMISTRY, ACADEMY OF SCIENCES OF THE CZECH REPUBLIC, PRAGUE, CZECH REPUBLIC

10:00 A.M. - 10:30 A.M.

PROF. LUCA PRODI

DIPARTIMENTO DI CHIMICA, UNIVERSITÀ DI BOLOGNA, BOLOGNA, ITALY

10:30 A.M. - 11:00 A.M.

PROF. CARLOS LODEIRO ESPÍÑO

DEPARTAMENTO DE QUÍMICA, UNIVERSIDADE NOVA DE LISBOA, LISBON, PORTUGAL

11:00 A.M. - 11:30 A.M.

COFFEE BREAK

11:30 A.M. - 12:00 A.M.

PROF. JOSÉ LUIS CAPELO MARTÍNEZ

DEPARTAMENTO DE QUÍMICA, UNIVERSIDADE NOVA DE LISBOA, LISBON, PORTUGAL

12:00 A.M. - 12:30 A.M.

PROF. WOLFGANG PARAK

RESEARCH GROUP BIOPHOTONICS, DEPARTMENT OF PHYSICS, PHILIPPS UNIVERSITY OF MARBURG, MARBURG, GERMANY

12:30 A.M. - 01:00 P.M.

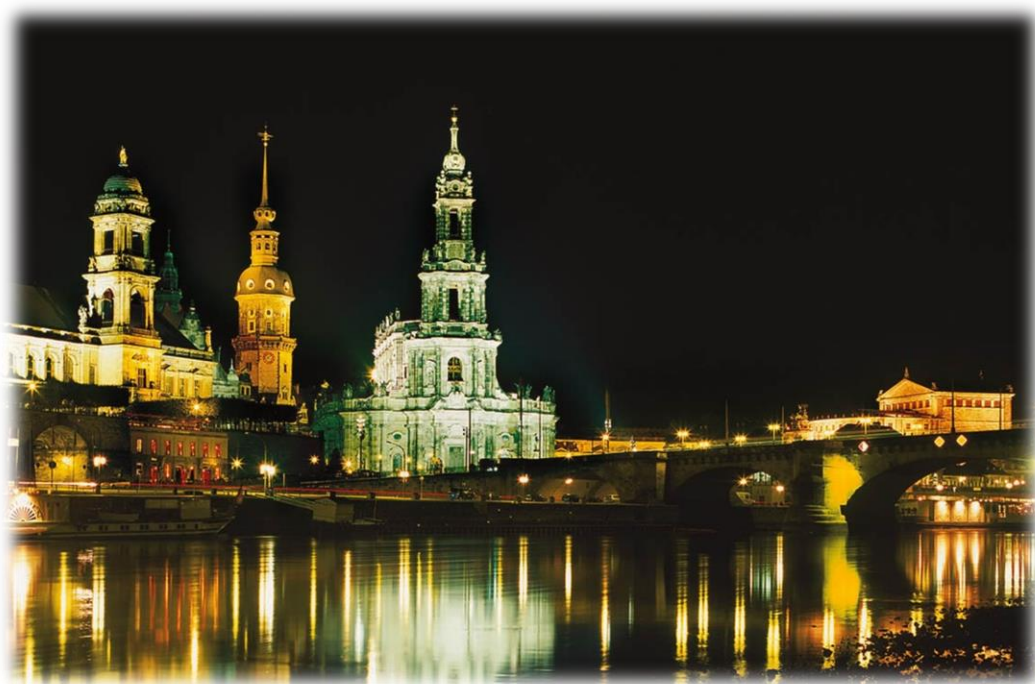
DISCUSSION AND CLOSING REMARKS

01:00 P.M. - 02:00 P.M.

LUNCH

02:00 P.M. - 02:15 P.M.

BUS TRANSFER FROM HZDR TO HOTEL



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TRAVEL DETAILS

ARRIVAL BY PLANE AT DRESDEN INTERNATIONAL AIRPORT (DRS)

- I. TRAIN LINE S2 (DIRECTION PIRNA) FROM AIRPORT LOWER GROUND FLOOR TO BAHNHOF NEUSTADT (~15 MIN)
- II. TRAM LINE 11 FROM BAHNHOF DRESDEN NEUSTADT (DIRECTION BÜHLAU) TO STOP ELBSCHLÖSSER (~15 MIN)
- III. 5 MIN WALK TO HOTEL SCHLOSS ECKBERG (SEE MAP BELOW)

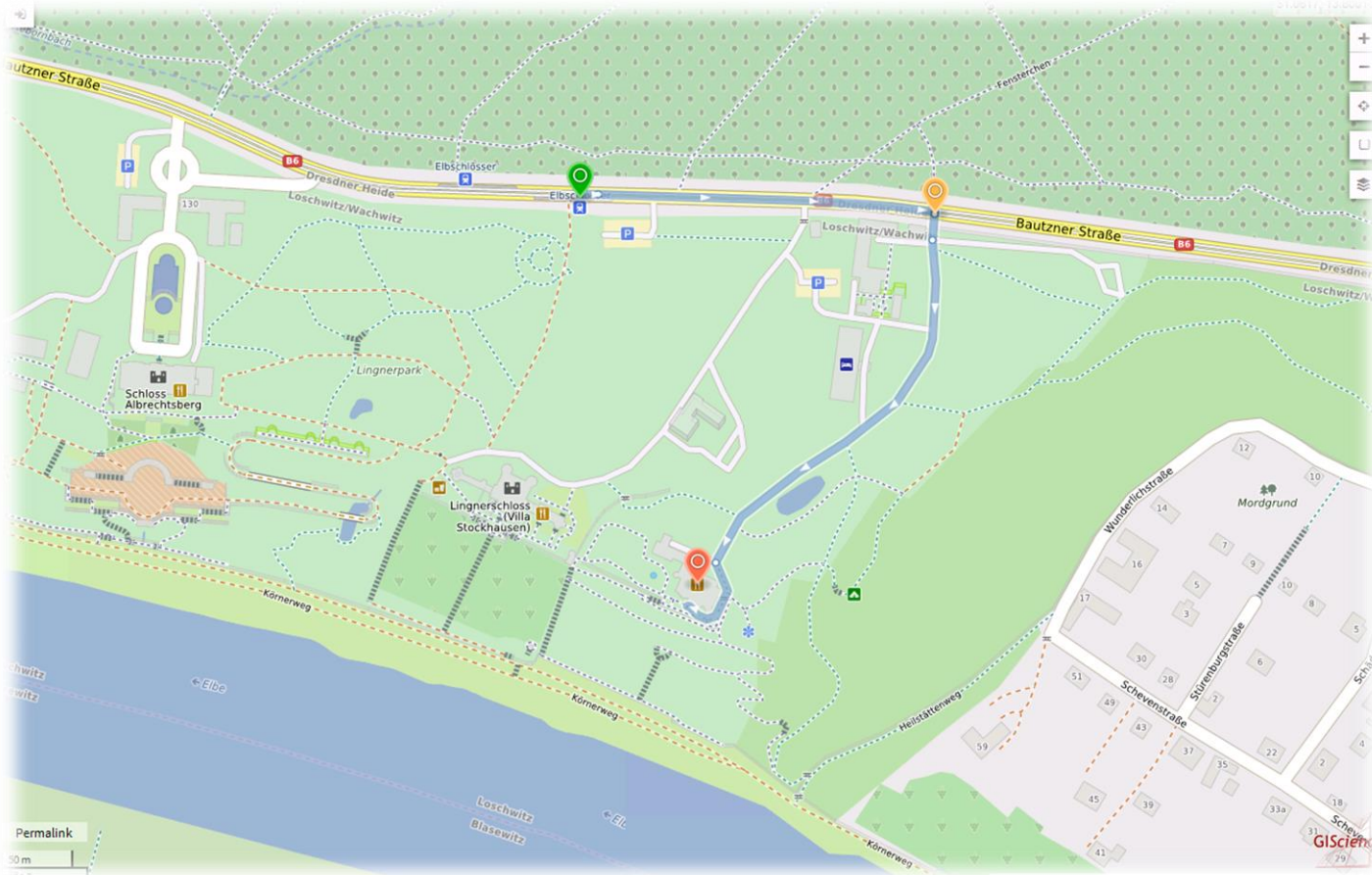
ARRIVAL BY TRAIN AT DRESDEN MAIN STATION (HBF, HAUPTBAHNHOF)

- I. TRAM LINE 11 FROM HAUPTBAHNHOF NORD (DIRECTION BÜHLAU) TO STOP ELBSCHLÖSSER (~30 MIN)
- II. 5 MIN WALK TO HOTEL SCHLOSS ECKBERG (SEE MAP BELOW)

ARRIVAL BY TRAIN AT BAHNHOF DRESDEN NEUSTADT (BFN)

- I. TRAM LINE 11 FROM BAHNHOF DRESDEN NEUSTADT (DIRECTION BÜHLAU) TO STOP ELBSCHLÖSSER (~15 MIN)
- II. 5 MIN WALK TO HOTEL SCHLOSS ECKBERG (SEE MAP BELOW)

MORE INFORMATION: WWW.VVO-ONLINE.DE/EN



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