

## Tuesday, January/22

9:00

**Ulrich Abram, FU Berlin**

Welcome and opening remarks

9:15

**Alexander Miroslavov, St. Petersburg State University**

Technetium pentacarbonyl halides: ambient pressure synthesis, chemical properties and possible medical application

9:45

Coffee break

10:45

**Arush Agrawal, FU Berlin**

The discovery of technetium

11:15

**Roger Alberto, University of Zurich**

Technetium arenes and their potential use in imaging procedures

14:00

**Jens Peter Fürste, FU Berlin**

The "Science Campus Dahlem", a historical tour

16:00

**Alexander Miroslavov, St. Petersburg State University**

Hydrolysis of the technetium hexacarbonyl cation in aqueous solutions

17:00

**Federico Salsi, FU Berlin**

Isonitrile complexes of technetium

17:20

**Clemens Scholtysik, FU Berlin**

Phenylimido complexes of technetium and rhenium

18:00

Group discussions

## The "Science Campus Dahlem", a historical tour

is planned as a walk in the Dahlem area. We will pass places where Max von Laue, Fritz Haber, Albert Einstein, Otto Hahn, Lise Meitner, Peter Debye, Otto Warburg, Werner Heisenberg and many other famous scientists worked and lived.

We meet 13:30 at Fabeckstr. 34/36 or 14:00 at the Hahn-Meitner building, Thielallee 63.

In case of bad weather, Dr. Fürste will come to us and give an in-door presentation.



## Fachbereich Biologie, Chemie, Pharmazie



## Microsymposium

## Technetium: Chemistry and applications of the first artificial element

FU Berlin, January/22 and January/23 2019



## Wednesday, January/23

9:00

**Alexander Miroslavov, St. Petersburg State University**

Reactivity of higher technetium carbonyls in CO replacement:  
A quantum chemical analysis

10:00

**Domenik Nowak, FU Berlin**

Tchnetium(III) complexes

10:20 Coffee break

10:40

**Carlos Rojas Dotti, University of Valencia**

Tchnetium(IV) complexes

11:00

**Ricardo Gonzalez, Universidad de la República de Uruguay, Montevideo**

Magnetic properties of Re(IV) and Tc(IV) compounds

12:00

**Anna Grunwald, FU Berlin**

Nitrido complexes of technetium

12:20

**Guilhem Claude, FU Berlin**

Tchnetium complexes with bulky isocyanides and phosphinines

12:40

**Abdullah Abdulkader, FU Berlin**

[Tc(NO)(cp)(PPh<sub>3</sub>)Cl] and its reactions

13:00

**Ulrich Abram, FU Berlin**

Concluding remarks