

# UniCat Colloquium

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Lecturer: **Prof. Dr. Georg Süss-Fink, FRSC,**  
Laboratoire de Chimie Organométallique et de  
Catalyse Moléculaire, Institute de Chemie,  
Université de Neuchâtel, Switzerland

Title: ***Organometallic Chemistry under Water:  
From Serendipity to Catalysis and Drug  
Design***

Abstract: The lecture deals with cationic arene ruthenium complexes which can be used for the development of water-soluble catalysts and cytotoxic compounds thanks to their combined lipophilic and hydrophilic properties. After an introduction on arene ruthenium aqua complexes at the interface of organometallic and coordination chemistry, the potential of such compounds for both aqueous phase enantioselective transfer hydrogenation catalysts and for anti-cancer drugs will be presented.

Date: **Wednesday, 2<sup>nd</sup> February 2011**

Time: **5:15 pm - around 6:45 pm**

Location: **TU Berlin,  
Institute of Chemistry,  
Building C,  
Straße des 17. Juni 115,  
10623 Berlin, room C 243**

Organiser: Prof. Dr. Drs. h.c. Helmut Schwarz (TUB)

Coffee and tea will be served thirty minutes prior to the lecture start.  
Guests are cordially invited to attend!

Prof. Dr. Matthias Driess, Chair of the Cluster of Excellence UniCat