



3rd EuCheMS Chemistry Congress
Chemistry - the Creative Force
August 29 - September 2, 2010,
Nürnberg / Germany

European Association for
Chemical and Molecular Sciences
European Young Chemist Network

Gesellschaft Deutscher Chemiker
e.V.
Karriereservice

Speakers for EYCN/GDCh Career Days, Nürnberg, 2010

Monday, 30 August		
Time/Topic	Details	Room
13.30 – 15.00 Research Grants – how and where to apply	Dr. Christian Schäfer DAAD (German Academic Exchange Service) Dr. Markus Behnke, Dr. Katja Fettelschoß DFG (German Research Foundation) Dr. Gerrit Limberg Alexander von Humboldt Foundation	London
15.00-15.30	Starting an academic career Prof. Jana Zaumseil, University of Erlangen-Nürnberg	London
16.00-17.30 Science meets Business	16.00 Innovation@Evonik: Science 2 Business and Project House Dr. Matthias Pascaly Evonik Industries, Germany	London
	16.30 Spin-Off, Start UP N.N. BASF Future Business, Germany	
	17.00 Leadership in Practise Jutta Crombie, Dr. Carsten Schaffer Merck, Germany	



Prof. Jana Zaumseil

Universität Erlangen

„Starting an academic career“

Abstract: Pursuing a career in academia is always challenging and risky. There is no recipe that is guaranteed to work. Hard work and good research are just basic building blocks. It seems that timing and luck play a significant role as well. I will talk about my path to the United States and England that finally led me back to Germany and my current position at the University of Erlangen. I will also highlight some of the pros and cons for an academic career from my perspective.

Curriculum: Prof. Dr. Jana Zaumseil

- 1997-2002 Diplom in Chemistry, University of Leipzig (Germany)
- 2002/2003 Research Internship at Bell Laboratories (USA)
- 2003-2007 PhD in Physics, University of Cambridge (UK)
- 2007-2009 Postdoc Fellowship Argonne National Laboratories (USA)
- since 2009 Professor at Department of Materials Science and Engineering, University of Erlangen-Nuremberg



Dr. Matthias Pascaly

Evonik Industries

„Project House“



Abstract: The primary objectives of Evonik's research and development strategy is the continuous expansion of existing businesses. In order to remain successful and competitive the main challenge is the build up of new businesses as well as new markets parallel to the day-to-day business.

The enabling platform to address mid- and long-term R&D projects is the strategic research group CREAVIS within the Chemicals Business Area, where the following concepts are pursued:

- * Project houses
- * Internal start-ups to market newly developed products
- * Science-to-business centers

Our project houses perform research across several business units in interdisciplinary teams for a limited period of time of three years. The work is performed in close collaboration of the sponsoring business unit together with top level external partners from universities, research institutions as well as potential customers/suppliers. This eventually yields new products and technologies which are marketed by a business unit or an internal startup.

The concept behind the science-to-business centers is based on pooling all R&D activities at every link in the value chain under one roof - from basic research over product development all the way to pilot production. The objective here is the swift development of new business lines including the production of finished systems for end-users. These centers also provide the right environment for collaborations between inhouse and external partners. Currently, Evonik has three science-to-business centers, Bio, Nanotronics and Eco².

Curriculum:

Working Experience : Dr. Matthias Pascaly
since 09 Senior Project Manager Project House Systems Integration;
Evonik Degussa GmbH, Hanau, Germany; Creavis Technologies & Innovation;

04 – 08 Project Manager Lithium Ion Technology,
Evonik Degussa GmbH, Marl, Germany; Creavis Technologies & Innovation;

02 – 04 Project Manager Research & Development Personal Care,
Goldschmidt AG, Degussa AG, Essen, Germany;

Education

00 – 02 Postdoctoral Fellow, Chemistry at the California Institute of Technology, Pasadena, CA, USA;
92 – 99 Diploma Thesis and Dissertation in Chemistry at the University of Münster, Germany and University of Toledo, Ohio, USA;

Honors and Awards

00-02 Postdoctoral Fellowship, German Academic Exchange Service (DAAD)
99 Dissertation Award, Young Chemists of the German Chemical Society (GDCh-JCF) in Münster, Germany
98, 99 Fellowships from the Wilhelm-Klemm-Foundation (University of Münster) for attending several international conferences
97 – 99 Graduate Student Fellowship of the Northrhine-Westfalia Department of Education, Germany



Jutta Crombie, Dr. Carsten Schaffer,
Merck Industries
„Leadership in Practice“



Abstract: Becoming a leader is more and more challenging. Companies react differently to that fact. Merck has implemented a holistic approach to develop their leadership potential. The interview held by the HR-professional Jutta Crombie with the chemist Dr. Carsten Schaffer gives an insight into that practice.

Tuesday, 31 August

Time/Topic	Details	Room
<p>9.30 - 16.30 JobFair</p>	<p>JobFair</p> <p>Participating Companies/Organisations:</p> <p>ALTANA • Bayer • BASF • Contact Singapore • DAAD (German Academic Exchange Service) • DFG (German Research Foundation) • Eurofins • Evonik • GDCh Career Service • Merck • Royal Society of Chemistry Careers Service • sanofi-aventis • Umweltbundesamt (Federal Environment Agency) • Wiley-VCh • academics.com (Media Partner)</p>	<p>Foyer CCN West 2nd Floor</p>
<p>9.30– 14.30 CV Check</p> <p>Registration required! On-site registration: Tuesday, 31 August, stand of GDCh Career Service, CCN West</p>	<p>The CV check will be held in groups with five participants each and is open to all registered students. Candidates should bring their own CV, written in English. detailed information: http://www.gdch.de/ks/aktionen10/careerdays/cvcheck__e.htm</p>	<p>Foyer CCN West 2nd Floor Lounges A and B</p>
<p>9.30 -15.00 Career Advice</p> <p>No registration required</p>	<p>German recruiting experts will answer questions around anything that has to do with employment and careers. detailed information: http://www.gdch.de/ks/aktionen10/careerdays/cvcheck__e.htm</p>	<p>Foyer CCN West, 2nd Floor Lounges C and D</p>
<p>9.30 -16.30 h Career Networking</p>	<p>According to your agenda keep the appointments you arranged with company representatives in advance of the congress. detailed information: http://www.gdch.de/ks/aktionen10/careerdays/careernetworking__e.htm</p>	<p>Foyer CCN West 1st Floor</p>
<p>10.30 – 12.00 13.30 – 14.30 Company Presentations</p>	<p>10.30 BASF - the Chemical Company N.N.</p> <p>10.50 Careers at Eurofins Kristina Schumann</p> <p>11.10 Ways to Merck Jutta Crombie</p> <p>11.30 Scientists at Bayer Dr. Gorka Peris</p> <p>13.30 sanofi-aventis at a glance Annette Aulike</p> <p>13.50 ALTANA – Our knowledge makes the difference Dr. Georg Wießmeier</p> <p>14.10 Find the job you like. Find the employer who offers it. Alexandra Schwarz (Evonik)</p>	<p align="center">London</p>
<p>15.00 – 18.00 Start up your Business</p>	<p>15.00 Founding Angels Dr. Gunter Festel/Festel Capital Füringen/Switzerland</p> <p>15.45 Skills to succeed in business David Ward/Ward Consulting, California/USA</p> <p>16.30 My first Business Dr. Torsten Irrgang, AIKAA-Chemicals, Germany</p> <p>17.15 Founding a Business in Europe Dr. Kaspar Koch/ FutureChemistry, Netherlands</p>	<p align="center">London</p>



Gunter Festel,
Festel Capital Füringen
www.founding-angels.com.

„The Founding Angels Concept to Support Start-up Founding Activities of Scientists“

Abstract: Business angels and venture capital companies are normally focused on already founded companies, so they are unable to help fill the gap should insufficient start-ups be founded. Furthermore, new technology based companies usually lack business know-how, i.e. the recipe of how to found a company, as the founders are usually highly research orientated innovators.

Founding angels as innovative business model in which founding teams are supported financially and operationally before the founding of the start-up could help to bridge the gap. They act as the driving force for the foundation of new start-ups by supporting scientists from the generation of the idea to the building up of a company. The engagement of founding angels is compensated not monetarily but through an equity share of the new company as a member of the founding team.

Curriculum: In 2002, Gunter Festel founded the investment firm FESTEL CAPITAL (www.festel.com), which specializes in the commercialisation of technologies in the areas of energy, environment, health, materials and nutrition. Furthermore, he co-founded as a Founding Angel (www.founding-angels.com) various biotechnology start-ups in Germany and Switzerland.

Prior to that, he was a member of the management team and head of the consulting business for the chemical and healthcare industry with Arthur D. Little in Zurich and a consultant with McKinsey. He started his career with Bayer, where he held various management positions in R&D and marketing.

Gunter Festel has a PhD in chemistry, BA in business administration and MA in economics as well as a PhD in management & economics. Furthermore, he has a Master of Advanced Studies in Corporate Finance.

At the Swiss Federal Institute of Technology (ETH) Zurich he heads a scientific working group focused on start-ups/spin-offs (www.tim.ethz.ch/research/startup). On this topic he gives lectures at ETH Zurich and the National University of Singapore.



David Ward

Ward Management Consultants

*„Aligning people to your
business aspirations”*



Abstract : It takes time, focus and effort to convince your stakeholders, your investors, customers and employees, of the fundamental attitudes and behaviors that will drive your business strategy to success. This session will introduce a powerful model that will allow you to align the actions of your stakeholders to your business aspirations so that you can concentrate on establishing and developing a successful Start Up.

Curriculum: David John Ward, founder of Alignomics, is a Kansas City-based, internationally recognized leadership trainer and mentor, teamwork adviser, executive coach and conference facilitator, with a specific focus on supporting Start Ups as they set out to achieve their aspirations. He also works with multi-national, multi-discipline teams in a broad range of industries and has worked in 36 countries with more than 90 nationalities.

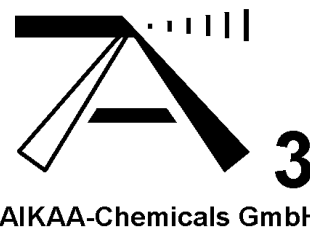
Formerly, he was Head of Performance Management at F. Hoffmann-La Roche, based in Basel, Switzerland, with global responsibilities for executive performance, including coaching affiliate CEOs in performance management concepts, systems and applications.

He has consulted to Chevron Texaco, Exxon Mobil, Citigroup, Merrill Lynch and S.C. Johnson. In addition to these U.S. companies, he has been a consultant to companies and multi-national corporations in Europe, the Middle East and Asia.

Dr. Torsten Irrgang

AIKAA-Chemicals

“AIKAA-Chemicals GmbH – A start up company based on novel chiral catalyst technologies”



Abstract: AIKAA-Chemicals GmbH, founded in October 2008 as a start-up of the University of Bayreuth, develops and produces novel chiral catalysts systems, which possess high activity and selectivity in the asymmetric synthesis of chiral alcohols and amines as intermediates for health and life sciences. The patented, cost-effective and efficient catalysts are applicable in various solvents and are easily tuneable towards the substances due to their modular design. They represent the key in an economically as well as ecologically optimised value creation. Additionally, AIKAA-Chemicals offers a variety of rare and unique (chiral) fine- and specialty chemicals.

Curriculum:

Dr. Torsten Irrgang

1985 - 1987: Ernst-Moritz-Arndt-Gymnasium, Bergen

University 1991 - 1995: Basic and advanced chemistry courses Ernst-Moritz-Arndt-University of Greifswald.

1995 - 1996: Diploma in the group of Prof. Dr. A. Hetzheim (University of Greifswald) about "Ring transformation of 1,3,4-oxadiazolium halogenides with functionalized amines".

1996 - 2000: Ph.D. thesis in the group of Prof. Dr. A. Hetzheim (University of Greifswald) about "Exploration of the ring transformation of oxadiazolium halogenides with N-nucleophilic agents".

2000: Postdoctoral scholarship of the University of Greifswald.

2000 - 2001: Postdoc at the LIKAT (Leibniz-Institute of Catalysis at the University of Rostock).

2001 - 2002: Postdoc at the Carl-von-Ossietzky-University of Oldenburg.

Since 2002: Akademischer Rat at the Chair of Inorganic Chemistry II at the University of Bayreuth.

Since 2008: Founder and CEO of AIKAA-Chemicals GmbH.



Kaspar Koch
Future chemistry

“Flow chemistry: bringing an elegant break-through technology to a conservative market”



Abstract: FutureChemistry is a worldwide technology leader in flow chemistry. The quality, efficiency, safety and costs effectiveness of your chemical process can be increased by exploiting the benefits of flow chemistry. FutureChemistry was established in 2007 as a spin-off company from the Radboud University Nijmegen (The Netherlands) and the Fraunhofer Gesellschaft (Germany). The FlowStart, an easy-to-use hardware system, is now being used by leading universities for the implementation of flow chemistry for research and for education at BSc and MSc level.

Curriculum: Kaspar obtained his MSc degree in Organic Chemistry (2004) at the Radboud University of Nijmegen and continued as a PhD researcher focussing on bio-organic reactions in microreactors which resulted in three patents (2004-2008). Furthermore, he set up the company iWINGS in 2004, which involves the development of (custom) web application for companies and institutes. Since July 2008, Kaspar is Managing Director of FutureChemistry and is responsible for marketing & sales and general management.