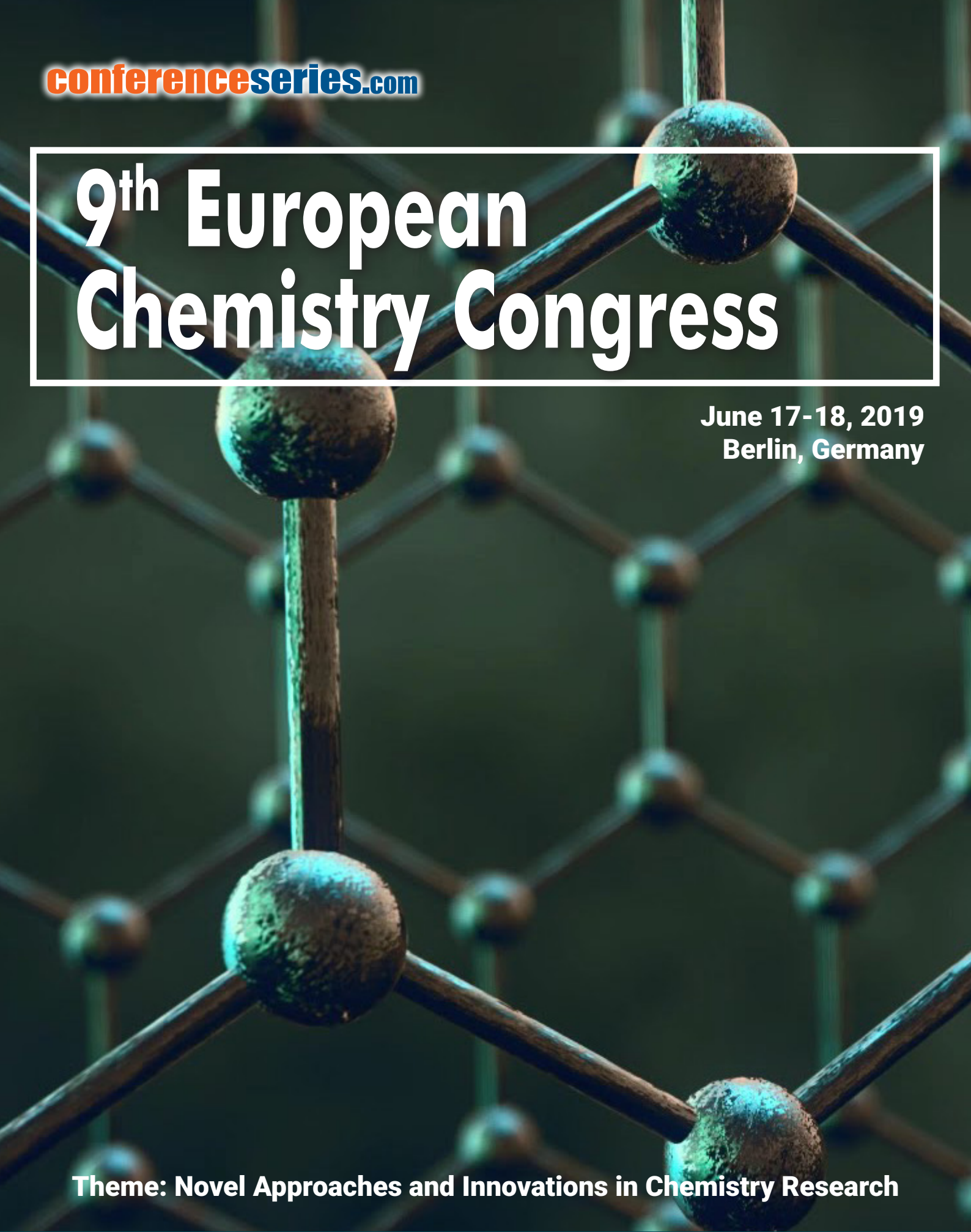
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9th European Chemistry Congress

June 17-18, 2019
Berlin, Germany



Theme: Novel Approaches and Innovations in Chemistry Research

SCIENTIFIC PROGRAM

DAY 1
Monday, 17th June

08:30-09:00 **Registrations**

09:00-09:30 **Introduction**

09:30-09:50 COFFEE BREAK

09:50-11:50 Meeting Hall 01 **KEYNOTE LECTURES**

11:50-13:10

MEETING HALL 01	MEETING HALL 02
Talks On: Organic Chemistry	**Talks On:** Inorganic Chemistry
Acid Halides, Alcohols, Aldehydes, Ketones & Alkyl Halides	Coordination Chemistry & Case Studies
Thiols & Sulfides	Crystal Field Theory
Nitriles & Phenols	Crystal Lattices
Phosphines & Polymers	Descriptive Chemistry
Case Studies, Chirality & Conjugation	Electronic configurations
Esters & Ethers	Ligand field theory

13:10-13:15 GROUP PHOTO

13:15-14:00 LUNCH BREAK

14:00-16:00

MEETING HALL 01	MEETING HALL 02
Talks On: Analytical Chemistry	**Talks On:** Green Chemistry
Standardizing analytical methods	Waste prevention instead of remediation
Equilibrium chemistry	Design products to undergo degradation in the environment
Gravimetric methods	Catalytic rather than stoichiometric reagents
Titrimetric methods	Preferred use of renewable raw materials
Spectroscopic methods	Energy efficiency by design
Electrochemical methods	Innocuous solvents and auxiliaries

16:00-16:20 COFFEE BREAK

MEETING HALL 01 (16:20-17:00)	MEETING HALL 01 (17:00-18:00)
Young Researchers in Chemistry Research	Workshop

DAY 2
Tuesday, 18th June

09:00-10:30 Meeting Hall 01 — **KEYNOTE LECTURES**

10:30-10:50 COFFEE BREAK

10:50-12:50	MEETING HALL 01	MEETING HALL 02
	Talks On: Physical Chemistry	**Talks On:** Theoretical Chemistry
	Atomic theory	Fundamentals & Symmetry
	Equilibria	Physical organic chemistry
	Kinetics	Ensemble Simulations
	Quantum mechanics	Chemical Bonding

12:50-13:35 LUNCH BREAK

13:35-15:55	MEETING HALL 01	MEETING HALL 02
	Talks On: Polymer Chemistry	**Talks On:** Medicinal Chemistry
	Polymer Science and recent development	Drug discovery
	Polymer Nanotechnology	Hit to lead and lead optimization
	Applications Of Bio Polymers and Bioplastics	Process chemistry and development
	Polymer Engineering and Synthetic Polymers	Drug design

15:55-16:15 COFFEE BREAK

MEETING HALL 01 (16:15-17:00)	MEETING HALL 01 (17:00-18:00)
Poster Presentations	**Workshop**

Featured Speaker Presentations

Direct microalgae harvesting to prevent harmful algal blooms and produce renewable biofuel

Kevin Shurtleff, Utah Valley University, USA

Carborane-containing matrix metalloproteinase (MMP) enzyme inhibitors as tumor-targeting ligands for boron neutron capture therapy (BNCT)

Daniel P Becker, Loyola University Chicago, USA

Life cycle analysis as a decision-making tool for sustainable chemical production

Yuan Yao, North Carolina State University, USA

Fluorescence emission color changes of acrylonitrile derivatives, structure and optical properties

María. J Percino, Universidad Autónoma de Puebla, Mexico

Practical planning for the aromatic essence creation process

Marcos Aurelio Gomes da Silva, Federal University of Juiz De For a, Brazil

Porous organic molecular solid for separations

Tamoghna Mitra, University of Liverpool, UK

The new dimensions of quantum mechanical spectral analysis (QMSA)

Reino Laatikainen, University of Eastern Finland, Finland

Speaker slots are available

The protective effect of the bilberry extract on the level of oxidative stress in rats exposed to hepatotoxic effects of carbon tetrachloride

Dejan Popovic, University of Nis, Serbia

Recovery of α chitin and minerals from marine biomass by using deep eutectic solvents

Bojana Bradic, National institute of chemistry, Slovenia

Synthesis and chemistry of new elements at Riken

Hiromitsu Haba, Nishina Center for Accelerator-Based Science, Japan

Design of nano-structured catalysts for environmentally benign and selective molecular transformations

Takato Mitsudome, Osaka University Graduate School of Engineering Science, Japan

Zinc Ferrum energy storage chemistries with high efficiency and long cycling life

Zheng Chang, Shanghai Institute of Ceramics, China

Codetermination of sphingomyelin and cholesterol in cellular plasma membrane in sphingomyelin-depletion-induced cholesterol efflux

Danjun Fang, Nanjing Medical University, China

Bioinspired hierarchical graphene oxide wrinkles for flexible sensors, actuators and manipulators

Zengyong Chu, National University of Defense Technology, China

Featured Speaker Presentations

Electrochemiluminescence determination and removal of membrane choline in living cells

Shuohan Huang, Nanjing Medical University School of Pharmacy, China

Synthetic study to Icetexane natural products by using transition-metal catalysis

Chang Ho Oh, Hanyang University, South Korea

Solvent extraction kinetics of silver with methyl ketonic p-tert-octylcalix[4]arene in the modified lewis cell technique

Jee Young Kim, Kosin University, South Korea

Fully bio-based epoxy thermosets with low-dissipation factor

Chien Han Chen, National Taiwan University, Taiwan

Structure-property relationship of vinyl-terminated oligo(2,6-dimethyl-1,4-phenylene ether)s (OPEs): seeking a OPE with better properties

Ching-Hsuan Lin, National Chung Hsing University, Taiwan

Mechanism of oxidations of a chiral biomass-derived substrate namely isosorbide

Basim H. Asghar, Umm Al-Qura University, Saudi Arabia

HPLC-Fluorescence method for the enantioselective analysis of propranolol in rat serum using immobilized polysaccharide-based chiral stationary phase

Aymen Al-Suwailem, King Saud University, Saudi Arabia

Nanomaterials for therapeutic and sensing applications

Sudarshan Kini, Nitte University, India

Synthesis, characterization and biological activities of 1,3-disubstituted thioureas

Amara Mumtaz, COMSATS University Islamabad

Speaker slots are available

Transition metal complexes/organometallic compounds as anticancer/anti HIV drugs or in pharmaceutical industry

Prakash Kinthada, JNTU University, India

Role of plant extracts for enhancing photocatalytic activity

Seema Garg, Amity University, India

Comparison between Sn modified single crystal and preferentially Pt electrodes towards ethanol oxidation in acidic medium

A.A.El-Shafei, Mansoura University, Egypt

European chemistry is the major european industry for the development of health, basic need and daily use of life, reduction in poverty and hunger in the world like South Asia particularly in Pakistan

Muhammad Usman, General of Agricultural Research System

Synthesized silver nanoparticle using gallic acid for inhibition of breast cancer

Amrish Chandra, Amity University, India

Synthesis and characterization of polyurethanes acrylate copolymer based on cycloaliphatic diisocyanate

Sajida Perveen, Government College University Faisalabad

Featured Speaker Presentations

Force induced mechanical adaptations in soft condensed matter systems

Sayantan Majumdar, Raman Research Institute, India

Development and adhesion study of adhesive system from bio-material for wood bonding

Poorvesh D Rathod, Institute of Science and Technology for Advanced Studies and Research, India

Novel silica supported pyrazole compounds for water purification

Madeeha Batool, University of the Punjab



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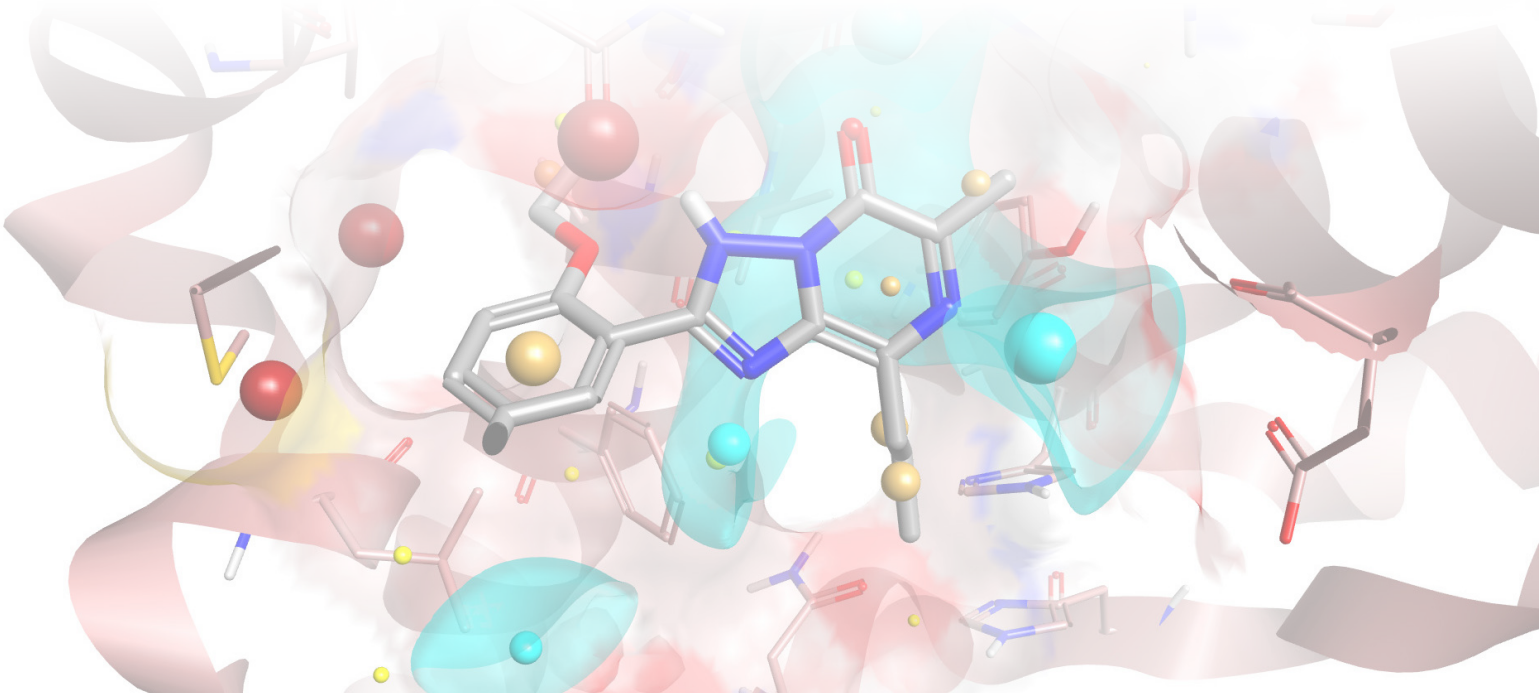
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Berlin Attractions

