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8th International Conference on Environmental Chemistry and Engineering

September 20-22, 2018 Berlin, Germany



Environmental Chemistry 2018

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Day 1, Agenda

General Session

08:00 AM — INTRODUCTION

09:00 AM — PLENARY

10:00 AM — KEYNOTE

Networking & Refreshments Break @ Sylt Foyer

	HALL 01	HALL 02	HALL 03
11:00 AM	Talks On: **Environmental Chemistry and Engineering**	Talks On: **Environmental Health**	Talks On: **Environmental Education**
	Talks On: **Energy and Environment**	Talks On: **Environmental Biology**	Talks On: **Chemical and Polymer Engineering**
	SESSION DISCUSSION	**SESSION DISCUSSION**	**SESSION DISCUSSION**
02:00 PM	Panel Over: **Chemical and biochemical techniques**	Panel Over: **Energy conversion**	Panel Over: **Synthetic chemistry**
	Workshop On: **Organic chemistry**	Workshop On: **Renewable energy**	Workshop On: **Applications of Environmental Chemistry**
	Lunch Break @ Restaurant	***Lunch Break @ Restaurant***	***Lunch Break @ Restaurant***
04:00 PM	Talks On: **Environmental Biotechnology**	Talks On: **Pollution Control Chemistry and Green Chemistry**	Talks On: **Environmental Hazards**
	Lectures on: **Biosensors**	Lectures on: **Bioindicators**	Lectures on: **Waste management & treatment**
06:00 PM	Session On: **Heavy metals**	Session On: **Landscape architecture**	Session On: **Environmental degradation**
	NETWORKING	**NETWORKING**	**NETWORKING**

Day 2, Agenda

General Session

08:00 AM — INTRODUCTION

09:00 AM — PLENARY

10:00 AM — KEYNOTE

Networking & Refreshments Break @ Sylt Foyer

	HALL 01	HALL 02	HALL 03
11:00 AM	Talks On: Environmental Geology	Talks On: Environmental science	Talks On: Environmental Toxicology and Mutagenicity
	Talks On: Biogeochemical cycle and Hydrology	Talks On: Environmental Biotechnology and Molecular biology	Talks On: Environmental Ecosystem
	SESSION DISCUSSION	SESSION DISCUSSION	SESSION DISCUSSION
02:00 PM	Panel Over: Phosphorus cycle	Panel Over: Water cycle	Panel Over: Ecosystem management
	Workshop On: Energy flow	Workshop On: Agricultural biotechnology	Workshop On: Nutrient cycling
	Lunch Break @ Restaurant	*Lunch Break @ Restaurant*	*Lunch Break @ Restaurant*
04:00 PM	Talks On: Environmental Technologies and sustainability Metrics	Talks On: Earth and Geochemistry	Talks On: Environmental Education
	Lectures on: Hydrothermal vents	Lectures on: Evaluating environmental issues	Lectures on: Chemical and biochemical techniques
06:00 PM	Session On: Pollution control technologies & devices	Session On: Mutagen test systems	Session On: Developing polymer processing
	NETWORKING	NETWORKING	NETWORKING

Past Affiliates

Haider A. Khwaja
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Deyin Xing
Johns Hopkins University
USA

Sahar Samaha
Miraca Life Science, USA

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Technical University of Crete, Greece

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University of Texas MD Anderson Cancer Center
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USA

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The Johns Hopkins University,
USA

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Bo Mattiasson
Lund University, Sweden



Emma A. Tumasyan
Republic of Armenia, Armenia



Emmanuel C. Besa
Thomas Jefferson University, USA



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University of New Orleans College of Engineering, USA



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Heesup Choi
Kitami Institute of Technology, JAPAN



Hwung-Hweng Hwung
Ncku, Taiwan



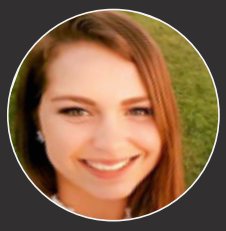
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Al-Nisour University College, Iraq



Juliana Rodrigues Gadelha
Universitario de Santiago, Portugal



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University, Kaunas r., Lithuania



Nadia El Ouahedy
Institute of Chemistry of Poitiers, France



Nicholas A. Ashford
Massachusetts Institute of Technology, USA



Paul O'Connor
Antecy, Netherlands



Raquel Jiménez-Melero
Universidad de Jaén , Spain

Renowned Speakers



Ray-Yeng Yang
Ncku, Taiwan



Reda Mažeikienė
Aleksandras Stulginskis University, Lithuania



Ryan M. Richards
National Renewable energy Labaratory,USA



Sarisak Soontornchai
Sukhothai Thammathirat University, Thailand



Yuwen Zhang
University of Missouri, Columbia, MO, USA



Zabihollah Rezaee
University of Memphis, USA



Zahra Gholami
Tsinghua University, China



Environmental Chemistry 2018

Featured Speaker Presentations

Activated carbons preparation from olive stones for Bisphenol A and Diuron adsorption
Nadia El Ouahedy, University of Poitiers,France

Investigation of the potential use of peanut hull wastes-biopolymers composites for the removal of Methylene Blue
Ceren Karaman, Pamukkale University,Turkey

A multi-analytical approach to assess the impact of air pollution on cultural heritage: degradation of stones, mortars and bricks
Paola Fermo, Università degli Studi di Milano,Italy

Spatial-temporal characterization of the water quality of the Vixán lagoon (NO Iberian Peninsula)
Fraga-Santiago, Universidade de Santiago de Compostela,Spain

Uses of cyclohexandiones for the Synthesis of Nitrogen and/or Sulfur Heteroccyclic compounds together with their Cytotoxic evaluations
Rafat M. Mohareb, Cairo University,Egypt

Synthesis , characterization and spectroscopic studies for new Cu(II), Co(II), Zn(II), Fe(III) and Zr(II) complexes of Oxytetracycline antibiotic, In vitro antimicrobial assessment studies
Ragab R. Amin, Nahda University,Egypt

Speaker slots are available

Heavy Metals Speciation Of Otin River In Osun State Nigeria
Adetoro Rasheed Olaitan, Osun State University

Extremity of rising Temperature and jeopardized situation of Agro-food Productivity in India: A lead Study of Farmers Debt/Suicides
Reena, Aligarh Muslim University

The effects of biodegradable coating on properties of printing paper
Rouzbeh Asadi Khansari, University of Technical and Vocational

Investigation of Diffusion in Barrier System of Redox Sensitive Tin in Nuclear Wastes
Ruveyda Kubra Ileri, Istanbul Technical University,Turkey

Biomaterial based toxic gas sensor using microwave resonant cavity
Sahib Babaee Tooski, Azad University

Microwave-assisted Synthesis and Characterization of eco-friendly Composite SCBF-g-Poly (HEMA-co-AM)/MMT
Sanjaya Rout, Utkal University

Survey on Chemical Use Situation among Household Community Products on Cosmetics and Hazardous Substances in Nonthaburi Province
Sarisak Soontornchai, Sukhothai Thammathirat Open University,Thailand

Cleaning of oil from water surface by using PDMS based crosslinked sorbent
Seda Bayraktaroglu, Gebze Technical University,Turkey

Evaluation of the levels of heavy metals, Dissolved Organic

International Conference on Environmental Chemistry 2018

Featured Speaker Presentations

Phosphorus (DOP) and Nitrogen (DON) in three Wetlands of Northern Nigerian
Yusuf, Federal University

Ionizing radiation hazard in the environment: Environmental concerns from natural radioactivity, nuclear power, hospitals
Shyam Sunder Tiwari, STPL

Development of a lab-on-chip electrochemical immunosensor for detection of Polycyclic Aromatic Hydrocarbons (PAH) in environmental water Shifa Felemban,Tyndall National Institute,Ireland

Synthesis, Characterization and Swelling Performance of PEG Based Amphiphilic Polymer Sorbents
Soner Kizil, Gebze Technical University,Turkey

Synthesis of Glycerol carbonate from transesterification of glycerol with dimethyl carbonate using solid catalyst
Swapna Gade , National Chemical Laboratory

Medical Geology Applications of an Africa Geochemical Database
Theophilus Clavell Davies , University of Nigeria

The bridge from crisis to profit: a frontier example based on a multidisciplinary environmental research
Vahid Khakyzadeh, Toosi University of Technology

Role of thermodynamic properties of ionic liquids in industries to reduce pollution
Vinod Kumar, Maharshi Dayanand University

Synthesis and Cytotoxicity of Thiophene, Thieno[2,3-c]pyrazol, thieno[2,3-d]pyrimidine and Pyridine derivatives derived from 3-Acetylcoumarin
Wagnat W. Wardakhan, National Oranization for Drug Control & Reseach,Egypt

Speaker slots are available

Selective Catalytic Reduction of NOx by CO under oxygen condition over Cu:Ce Catalysts Supported by Carbon Nanotubes
Zahra Gholami, Tsinghua University

Efficiency of vetivera zizanioide, ipomoea asarifolia, helianthus annus, ricinus communis l. And cymbopogon citratus in phytoextraction of heavy metals from soil
Yashim, z. I, ahmadu bello university

Study of transesterification of pinion oil (Jatropha curcas) with acetone as cosolvent at subcritical conditions
Lorena Jaramillo, Escuela Politécnica Nacional Ecuador

Synthesis of Photo-Polymerizable Keratin from Bird Feather
Esmaiel Jabbari, University of South Carolina, USA

Nanostructured materials with unique catalytic properties for renewable energy technologies
Ryan M. Richards, National Renewable energy Labaratory,USA

Performance of new Bt-cotton strains for yield and fiber traits
Jatoi ZAHEER AHMED, Hainan University,China

Numerical and experimental studies on movable offshore wind turbine foundation

Featured Speaker Presentations

Ray-Yeng Yang, NCKU, TAIWAN

The bridge from crisis to profit: a frontier example based on a multidisciplinary environmental research

Yuwen Zhang, University of Missouri, Columbia, MO, USA

Green extraction of soluble matter from cabuya by pulsed electric fields
A.E. Rivera,Escuela Politécnica Nacional, Ecuador

Control of polymorphism of calcium carbonate compounds in the cementitious materials by pH control

Heesup Choi, Kitami Institute of Technology, Japan

Optimizing anaerobic digesters through co-digestion and mathematical modelling in selected South African wastewater treatment plants

Nonhlanhla P Radebe, TU Berlin, Berlin Germany

The Importance of Traditional Ecological Knowledge and Indigenous Knowledge for Sustainability and Green Practices

Samantha Chisholm Hatfield, Oregon State University, USA

Energy Efficient Design of New Building except New Low-rise Residential Buildings: Cleaner and Greener Technologies, Sustainable Development and the Environment

Abdeen Mustafa Omer ,Researcher at Energy Research Institute (ERI).

Real time monitoring and control system for drinking water quality insurance

Jasim M. Salman, Al-Nisour University College

Speaker slots are available

Gravity Balance up Walking Supported by Circulating Rope in Mountain Is Easier than Walking in Pla in

Lok B. Baral,Tribhuvan University

Simultaneous oil extraction and transesterification of high acidity rapeseed oil

Miglė Šantaraitė, Aleksandras Stulginskis University, Lithuania

Project Risk Management: More Important than You Think

Mohamad Ragaie ElHelaly, Orascom Construction, Egypt.

The use of ionic liquids and deep eutectic solvents for enhancing enzymatic biodiesel production

Sulaiman Al-Zuhair, Chem Engineering, UAE University

Low-impact seismic retrofit technologies for school buildings

Terenzi Gloria, DICEA, University of Florence, Italy

Design and Fabrication of a Modular Retro-fittable Diesel Particulate Filter with Regeneration Attributes

Vipul Sehgal, NIT, Calicut

Isolation and characterization of ellagic acid from white flesh pomegranate and studies the Inhibition Cell Proliferation on several cell-lines carcinoma

Fadhil M. Abid, Ministry of science and Technology, Baghdad, Iraq

Catalytic dehydration of modified carbohydrates as a new approach to efficient biomass utilization

Featured Speaker Presentations

in organic synthesis
Konstantin I Galkin, IOC RAS, Russian Federation

Mixotrophic cultivation of Nannochloropsis sp. BR2 in Sugarcane bagasse for biodiesel production
Maleeha Manzoor, Government College University,Pakistan

Conversion Of Carbon Dioxide To C1 And C2 Biofuels Using Bioelectrochemical Systems
Mohammad Zain Khan, Aligarh Muslim University,India

Reduction of ammonia emissions from livestock manure in intensive bovine holdings using bio preparations
Reda Mažeikienė, Aleksandras Stulginskis University, Lithuania

Ocean Tharemal energy conversion, for energy and fresh water needs of an offshore oil platform
Reda Sherwin Joseph Francis, Heriot watt university, Dubai, UAE

Evaluation Of Green Roofs In Buildings
Makri Anastasia, Democritus University of Thrace, Greece

Development of green technologies and complex analysis of the green and blue roof systems
Natalia Shushunova, National Research Moscow State University, Russia

Strategies to enhance thermoelectric figure of merit
P. Banerji, Indian Institute of Technology, India

Creating The Right (Green) Chemistry & Technology Co2 And Carbon And Where It Matters
Paul O'Connor, ANTECY, Netherlands

Speaker slots are available

Photovoltaic Solar Energy: The Brazilian Reality
Renato N. C. Sakamoto, TLI Foundation, USA

Green Electronics: biodegradable, biocompatible, bioresorbable materials and devices for sustainable future
Jung-Hun Seo,The State University of New York , USA

Fungal Pectinases: Applications in Textile and Ethanol Industries
Duriya Chantasingh,National Center for Genetic Engineering and Biotechnology,Thailand

Economic and environmental prospects of biofuels in the European transport sector
Ralph-Uwe Dietrich, German Aerospace Center, Germany

Evaluation of novel thermo tolerant haloalkalophilic bacterium Halomonas stevensii for biomitigation of gaseous phase CO2: Energy assessment and product evaluation studies
Somesh Mishra, Indian Institute of Technology Delhi (IITD)

New Opportunities in a Personalized Approach to the Preleukemic Phase of Myelodysplastic Syndrome and Acute Myelogenous Leukemia **Emmanuel C. Besa,**Thomas Jefferson University,USA

Atmospheric black carbon can exhibit enhanced light absorption at high relative humidity
Jon Thompson,Texas Tech University,USA

Atmospheric black carbon can exhibit enhanced light absorption at high relative humidity
Haider A. Khwaja,University at Albany,USA

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The Contributions And Challenges Of Environmental Chemistry For Sustainable Development
Nicholas a. Ashford, Massachusetts institute of technology,USA

Electro-coagulation/flotation for the simultaneous removal of oil and grease, and heavy metals from artifitial bilge water.
Guillermo J. Rincon, University of New Orleans College of Engineering,USA

Emerging Business Sustainability in Europe: Its Education, Practice and Research Implications
Zabihollah Rezaee, University of Memphis, USA

Removal Of Lead Ions From Aqueous Medium Using Devised Column Filters Packed With Chitosan From Trash Crab Shells: A Characterization Study
Charles Klein O. Gorit, Mindanao State University,Philippines

Transport of Styrene Oligomers (Sos) Derived from Polystyrene Plastic into Ocean by Precipitation in Tokyo Bay
Bum Gun Kwon, Chosun College of Science and Technology,South Korea

Robust, high resolution affinity capture of environmental pollutants
Bo Mattiasson, Lund University,Sweden

Oxidation processes for the removal of organics from water and wastewater: The cases of ferrate(VI) and photocatalysis
Ajay K Ray, Western University,Canada

How much do water efficient products have an impact on reducing water consumption?
Hyun No Kim , Korea Environment Institute,Korea

Speaker slots are available

Microwave-Assisted Synthesis of Novel dihydropyrazolo[1,5-a]pyrimidine, [1,2,4] triazolo[1,5-a]pyrimidine and 3,4-dihydrobenzo[4,5]imidazo[1,2-a]pyrimidine Derivatives Incorporating Schiff Base Moiety as Potential Anticancer Agents
Abd El-Aziz Ahmed Said, Assiut University,Egypt

Development an experimental model for assessing CO2 working capacity of the combined cycle power plant on mesoporous graphene oxide-TiO2 nanocomposite
Alireza Noorpoora, University of Tehran

Intensification of mass transfer process using deep eutectic solvents and nanosuspensions
Anamarija Mitar, University of Zagreb,Croatia

Preparation of activated carbon from acacia seeds by H2SO4 under different conditions as impregnating agent for waste water treatment and studies on methylene blue adsorption
Ateeq Rahman, University of Namibia

Adsorption of arsenic from water by iron mixed mesoporous pellet in a continuous fixed-bed column study
Boonchai Wichitsathian, Suranaree University of Technology, Thailand

Removal of Cr(VI) Ions Using Composites with Strong Base Anion Exchanger Microspheres Embedded into Chitosan/Poly(Vinyl Amine) Cryogels
Ecaterina Stela Dragan, University of Iasi, Romania

Electromembrane extraction combined with capillary electrophoresis for

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the determination of Organophosphorus in wastewater and food samples
Ehsan sadeghi, Shahid Beheshti University

An Advanced Oxidation Process Based On Fenton Reactions for Reduction of Environmental Impact of Leather Tanning Effluents As an Efficient Method for Wastewater Treatment
EL-Shahat H. A. Nashy,National Research Centre,Egypt

Heterocyclization of chalcone acetophenone derivatives and antitumor evaluation of the newly synthesized products
Eman M. Samir,National Organization for Drug Control & Research,Egypt

Correlation between all the relevant bioprocesses of the genotype and phenotype
Emma A. Tumasyan,Republic of Armenia

Detection of Mineral Nutrients and Toxic Elements in Yemeni sesame oil by inductively coupled plasma-optical
Faez Mohammed, Sanaa univesity

Green Production of PVC from Lab to Industrialization: Heterogeneous Non-mercury Catalysts for Acetylene Hydrochlorination
Hao Xu,Tsinghua University

An overview of the behavior of some polycyclic nitroaromatic hydrocarbons (NPAHs) upon irradiation in solution and when adsorbed on solid surfaces
Ian S. Butler,McGill University ,Canada

Competitive Sorption of Anionic Dyes on CoFe Layered Double Hydroxide in Single and Binary Solutions

Speaker slots are available

İme Akanyeti,Cyprus International University,Turkey

The Optional of Municipal Solid Waste Treatment: Case study of Kham Sakae Saeng District, Thailand
Jareeya Yimrattanabovorn ,Suranaree University of Technology,Thailand

Mediterranean small ponds: one of the most threatened ecosystems in the world.
Raquel Jiménez-Melero,Universidad de Jaén,Spain

Temperature Tolerance Test Exposition with Temperate Sea Anemone Actinia equina, a Climatic and Environmental Changes Simulation
Juliana Rodrigues Gadelha ,Universidade do Porto,Portugal

Pollution Control Chemistry and the Role of Green Chemistry
Khalil Farzadnia,Shahid Chamran Technical University

Banned and Restricted Organic Pesticides Still Used in Farms in Northern Mindanao, Philippines
Maria Luisa Baiño-Salingay,Institute for Water Education and Technical University of Delft Netherlands

Pollution Control Chemistry and the Role of Green Chemistry
Khalil Farzadnia,Shahid Chamran Technical University

Promote the biodiesel production using of nano-crystalline Fe-H-ZSM
Maryam Haghighi,Alzahra University

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Antifungal drug discovery from medicinal plants: Matricaria chamomilla as potent inhibitor of Aspergillus fumigatus growth and ergosterol biosynthesis
Mehdi Razzaghi-Abyaneh, Pasteur Institute of Iran

Geo-accumulation Index (Igeo) of Mercury in Surface Sediments along the Arvand River, Khuzestan Beaches
Mehdi Hosseini, Islamic Azad University

Kinetic Model of Ozone Decomposition in Aqueous Solutions
Mehrshad Parchei Esfahani, Concordia University, Canada

A Systematic Literature Review Of Security Software Defined Network: Research Trends, Threat, Attack, Detect, itigate,Countermeasure And Architecture Security
Mochamad Teguh Kurniawan, Indonesia University

A Sustainable Integrated Water and Energy Production Plan to Meet Future Requirements- A case study of Pakistan
Muhammad Mobin Siddiqi, National university of Sciences and Technology

Synthesis of Ag@TiO2 particles and evaluation of their catalytic activities for degradation of dyes in aqueous medium
Muhammad Saeed, Government College University Faisalabad



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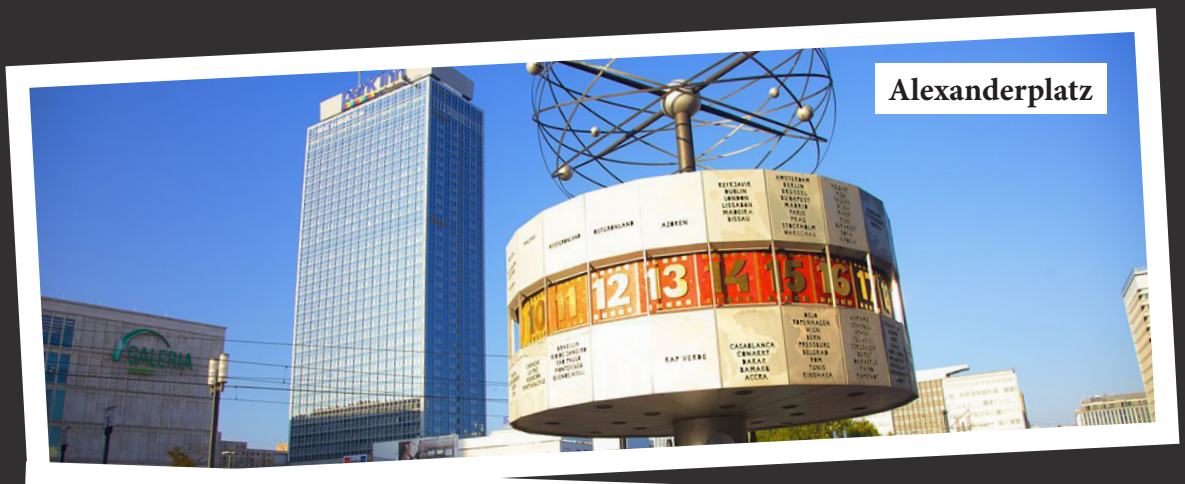






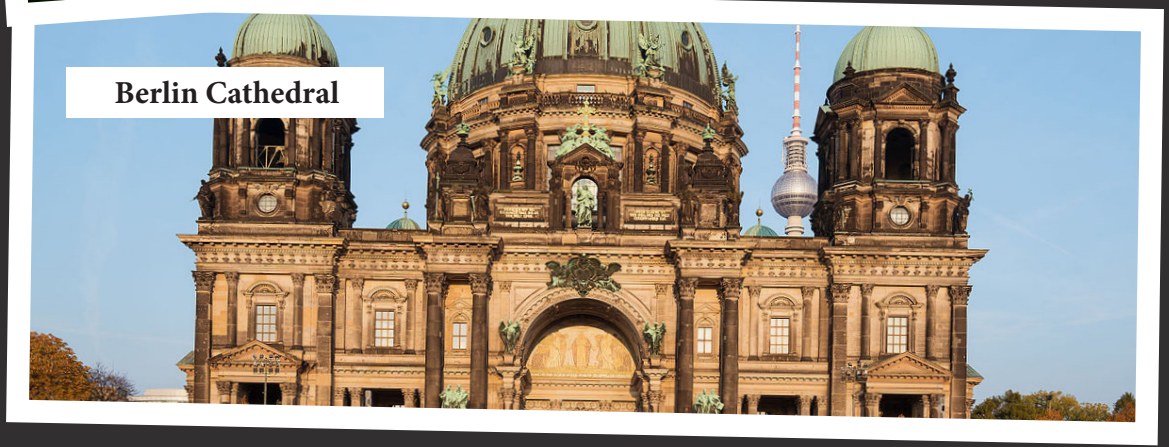


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