

Catalysis for Renewable Sources: fuel, energy, chemicals



Catania, Sicily, Italy
September 6–11, 2015



Web-site: <http://conf.nsc.ru/CRS3> ♦ E-mail: zam@catalysis.ru

We are pleased to announce
the Third International Conference
**CATALYSIS FOR RENEWABLE SOURCES:
FUEL, ENERGY, CHEMICALS**

to be held on September 6-11, 2015, in Catania, Sicily, Italy

<http://conf.nsc.ru/CRS3>



The main objective of CRS-3 is to give a broad overview of recent achievements in the development of catalytic technologies for the processing of renewable sources, to discuss the latest advances, and identify further ways of development of this so necessary for society areas of knowledge

The CRS-3 conference is a satellite event of the XII EUROPEAN CONGRESS ON CATALYSIS: CATALYSIS: BALANCING THE USE OF FOSSIL AND RENEWABLE RESOURCES to be held in Kazan, Russia on August 30 – September 4, 2015

www.EuropaCat2015.com

INTERNATIONAL SCIENTIFIC COMMITTEE

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Vadim Yakovlev, **Chairman of the Organizing Committee**

Boreskov Institute of Catalysis SB RAS, Novosibirsk, Russia

SCIENTIFIC PROGRAM

Scientific program will comprise plenary invited lectures (1 hour), key-note presentations (30 minutes), oral presentations (20 minutes) and posters.

General scientific topical issues and key areas of the conference program are the following:

 **Catalysis in dendrochemistry for valuables production**

Catalytic systems for hemicellulose depolymerization

Catalytic processing of tall oil and tar, Selective conversion of sugars

Catalytic transformations of CO₂ to fine chemicals

 **Biomass derivatives in petrochemistry**

Catalyst application for clean syn-gas and clean hydrogen production

Lipids in petrochemical synthesis

 **Catalytic processes for biofuels production**

Catalytic interesterification and hydrocracking of lipids to kerosene and diesel fractions

Catalytic approaches for the processing of pyrolysis biomass products

 **Bio-Photo-/Electro-catalytic conversion of renewables**

Bio-catalysis for chemicals production

Photo-catalysis for environmental protection

Electro-catalytic conversion of renewables

PUBLICATION OPPORTUNITIES

All accepted abstracts will be published in the **CD-Book** of the abstracts with an assigned **ISBN** and distributed to the participants at the registration.

LOCATION



The Third International Conference CATALYSIS FOR RENEWABLE SOURCES: FUEL, ENERGY, CHEMICALS will be held in Italy, Sicily. The choice of the organizers was dictated by the great development of this scientific direction in Italy, especially at the University of Messina.

Besides, Sicily is a beautiful and attractive island on the southern tip of Italy. It is a largest island in the Mediterranean Sea, one of the most fascinating places of the area. The climate of Sicily is typically Mediterranean, with the exception of Mount Etna, a 3300 meters high volcano with Alpine climate.

Sicily is a large island; towns are connected by train and bus services. One of the most gorgeous and splendid cities is Taormina, a fashionable resort with beaches nearby. It is a world famous city, being quintessential of both charming, and the medieval town on a mountain top. Palermo, the regional capital, is one of Italy's



largest cities with many sights of interest. It is worth mentioning the extremely attractive and magnificent city of Syracuse – it was an important Greek town, home to Archimedes.



Catania is Sicily's second largest city, with a population of around 300,000. It lies on the Ionian Sea, at the south-east of Sicily, under the shadow of Mount Etna, or "A Muntagna" as the locals refers to it. Mount Etna is Europe's highest and most active volcano. Etna is ever-present and in a large extent shapes both the history, and the actual existence of Catania. On several occasions volcanic eruptions destroyed the city, the most devastating of which happened in the 17th Century. In 1669 Catania was covered in lava and then, just 24 years later in 1693 an earthquake has shaken the town to its foundations. The reaction to this latter catastrophe was

amazing: the entire old part of town was rebuilt in Baroque style, with large, wide open squares and avenues. The most remarkable aspect, however, was the building material used: lava! Catania is essentially a "grey" city and unique in the world for this.

Most of Catania's wide streets and majestic palaces were built during the eighteenth century that coincides with development of Naples. The architectural similarity between these two cities is striking. Both cities were continually menaced by volcanic eruptions, though Etna is larger and more active than Vesuvius. During the reconstruction period of eighteenth century the noble families from across eastern Sicily began to build palazzo in Catania. Thus began a social and economic rivalry with Palermo that continues to this day. One of the essential differences between the cities is that while Catania is somewhat more industrial, Palermo remains the administrative center of Sicily.



Nowadays, the Baroque city of Catania, birthplace of the famous composer Bellini, remains an attractive, fantastic, incredibly amazing town, and also a place where you can visit the Etna.

CONFERENCE VENUE

The Conference will take place in the **Sheraton Catania Hotel & Conference Center** located on the breathtaking Cyclops Coast, one of the most beautiful in Sicily. The rocky beach is located in a walking distance across the street, everyone may enjoy the lovely views over the crystal clear sea.

The hotel with panoramic views of Mount Etna and the Ionian Sea offers the spacious air-conditioned rooms in a modern design, equipped with refrigerators and LCD televisions.



Swimming pool, complimentary wireless Internet access, full spa service, fitness facilities, tennis courts are proposed.

Situated near the beach in Aci Castello, Sheraton is close to Norman Castle, Le Ciminiere Fairs and Convention Center, and Fontana dei Malavoglia. Area attractions also include Massimo Bellini Theater and Palazzo Biscari.

The Conference Center offers the perfect setting for events holding, modern and flexible areas provide ideal conditions for international conferences.

HOW TO GET

Sheraton Catania Hotel & Conference Center is 6-8 km from the city center and 10-12 km from the **Catania International Fontanarossa Airport**.

Catania International airport receives flights from the major Italian cities as Milan and Rome, and many International direct flights from major European cities. It takes around 20 minutes by car to reach the Sheraton from the airport. It is also possible to use public transportation to get the conference venue (to take ALIBUS – Airport Public bus, direction "Central Railway Station", then get off in Piazza Alcala, the same - Piazza Borsellino (approximately 5 minutes left the Airport), then change to the bus № 534, direction Aci Castello).

Complimentary shuttle service to downtown **Catania** (Piazza Verga) is available from the **Sheraton Catania Hotel & Conference Center (4 times daily except Mondays)**. There is also a public transportation to the city center (twice a day). **Catania Central Station** is four kilometers from the Sheraton, a taxi to the hotel costs around 40 Euro.

The hotel can arrange airport transfers, as well as Catania downtown transfers.

For travelling by car – parking is available (13-18 Euro per/day).



ACCOMMODATION

The prices for accommodation in SHERATON hotel are:

Price per night, Euro (including breakfast and VAT)	
single standard	double standard (per person)
85	50

Please be informed that daily city tax in the amount of approximately 1,5 Euro per day/per person will be taken by the hotel administration at the reception.



If you would like to have a recommendation to find an alternative accommodation in Catania centre, please inform us about that. We may offer the budget hotels around main square of Catania, close to Central railway station. They are situated not too far from airport and near trains lines and bus services. It is easy enough to reach the conference venue by bus № 534 which runs once per hour during limited hours.

ABSTRACT SUBMISSION

You are welcome to submit the abstracts (**up to 2 pages**) for oral or poster presentations at the conference via <http://conf.nsc.ru/CRS3> or to the address zam@catalysis.ru before **March 10, 2015**. **Abstract guidelines** can be found at the conference website.

REGISTRATION FEE

The registration fee is expected to be **580 Euro** for each registered participant of the Conference with reduced (**360 Euro**) rate for students and PhD students. Registration fee includes all conference documentation and materials, Welcome reception, lunches, refreshments, excursion.

Registration fee, accommodation, and other payments should be transferred to the account of the **ILIOS COMPANY** conference@ilikotravel.com:

ILIOS COMPANY BANKING DETAILS: EUROBANK
ACCOUNT No: 0026.0108.71.0200203705
RECEIPT: DAVID V. MACHARATZE
IBAN: GR6602601080000710200203705
BIC: ERBKGRAA

The Invoice for the payment will be sent to you by E-mail upon your request to Ilios Company.

Payments should be free of all bank charges. To ensure that we process your payment correctly, please indicate "CRS" and the delegate name at the payment.

IMPORTANT DATES

March 10, 2015	Submission of abstracts and application forms
April 20, 2015	Acceptance of notification, distribution of the Second Announcement
June 15, 2015	Distribution of the preliminary program
July 20, 2015	Confirmation of participation, fee payment
August 5, 2015	Distribution of the final program
September 6, 2015	On-site Registration, Social program
September 7, 2015	Conference opening

To continue the initiative of the last event the organizers are developing plans for visiting the biomass processing objects, as well as a social program for the last days of the conference. Therefore we offer for those who would like participate in this attractive part of the conference program to plan a departure date on September 12/13



You are welcome to register at the conference site:

<http://conf.nsc.ru/CRS3>



CRS-3 Conference Secretariat

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