

# International Conference and Expo on Ceramics

Date & Venue: August 17-18, 2015 Chicago, USA

(Theme: Revolutionized Era of Ceramics)

## About the Conference:

Ceramics-2015 welcomes attendees, presenters, and exhibitors from all over the world to Chicago, USA. We are delighted to invite you all to attend and register for the “**International Conference and Expo on Ceramics (Ceramics-2015)**” which is going to be held during August 17-18, 2015 in Chicago, USA.

The organizing committee is gearing up for an exciting and informative conference program including plenary lectures, symposia, workshops on a variety of topics, poster presentations and various programs for participants from all over the world. We invite you to join us at the **Ceramics-2015**, where you will be sure to have a meaningful experience with scholars from around the world. All members of the Ceramics-2015 organizing committee look forward to meeting you in Chicago, USA.

For more details please visit- <http://ceramics.conferenceseries.com/>

## Importance & Scope:

Ceramics are inorganic non-metallic materials made from compounds of a metal and a non metal. They are formed by the action of heat and subsequent cooling. May be crystalline or partly crystalline.

Have received major media attention in recent years, particularly for use as parts in a future ceramic heat engine. Electrical properties place ceramics in great demand as solid electrolytes in experimental batteries and fuel cells.

Most of us when hear the word ceramics; usually think of art, dinnerware, pottery, tiles and bricks. These advanced modern industrial ceramics are being used for applications such as space shuttle tile, engine components, artificial bones and teeth, computers and other electronic components and cutting tools.

## Why Chicago?

Chicago is the largest city in the US state of Illinois. With nearly 2.7 million residents, it is the most populous city in the Midwestern United States and the third most populous in the USA after New York City and Los Angeles. Its metropolitan area sometimes called “Chicago land” is the 27th most populous urban agglomeration in the world, the largest in the Great Lakes Megalopolis and the third largest in the United States, home to an estimated 9.8 million people spread across the US states of Illinois, Wisconsin, and Indiana.

Chicago is the county seat of Cook County the second most populous county in the United States, after Los Angeles County, California.

The city is a center for services, business and finance and is listed as one of the world's top ten Global Financial Centers. The city's waterfront allure and nightlife has attracted residents and tourists alike. Over one-third of the city population is concentrated in the lakefront neighborhoods (from Rogers Park in the north to South Shore in the south).

The city has many upscale dining establishments as well as many ethnic restaurant districts. These districts include the Mexican villages, such as Pilsen along 18th street, and La Villita along 26th Street, the Puerto Rican enclave Paseo Boricua in the Humboldt Park neighborhood, “Greek town” along South Halsted St, “Little Italy”

along Taylor St, “Chinatown, Chicago” on the South Side, “Polish Patches” in Avondale and Belmont-Central, “Little Seoul” around Lawrence Avenue, a cluster of Vietnamese restaurants on Argyle Street, and South Asian (Indian/Pakistani) along Devon Avenue.

## Conference Highlights:

- from Theory to Practice
- Electromagnetic and Optical Ceramics and Devices
- Bioceramics and Health
- Ceramics Under Severe Environments and Refractories
- Designing and Engineering of Ceramic Composites
- Ceramics and Systems for Energy and Environment
- Surface Engineering and Ceramic Coating
- Innovative Processing and Synthesis

## Why to attend???

**Ceramics-2015** with members from around the world focused on learning about various ceramic aspects. Conduct demonstrations, distribute information, meet with current and potential customers, make a splash with a new product line, and receive name recognition at this 2-day event. World-renowned speakers, the most recent techniques, and the new updates in ceramics field are hallmarks of this conference.

A Unique Opportunity for Advertisers and Sponsors at this International event:

<http://ceramics.conferenceseries.com/Sponsorship.pdf>

## Major Ceramic Associations around the Globe

- Australian Ceramics Association
- Contemporary Ceramic Studios Association
- European Ceramic Industry Association
- British Ceramic Confederation
- Ceramics Southern Africa
- Midwest Ceramic Association

## Major Ceramic Societies in Chicago

- De Oro ceramic studios
- Jacob's Ceramic studio, Inc.
- Ceramix 101
- Park West ceramics

## Major Ceramic Societies in World

- Canadian ceramic society
- Danish ceramic society
- Italian ceramic society
- Turkish ceramic society

## Major Ceramic Societies in USA

- American ceramic circle
- Wedgewood Society of New York
- Connecticut ceramic study circle

**Target Audience:**

**The majority of target audience would be the following:**

- Conservators working in museums and in private practice
- Scientists specializing in conservation
- Architects, engineers, master glaziers, and glass painters dealing with stained glass in situ
- Curators and administrators in charge of museum collections or cultural heritage sites

**Top Universities in USA:**

- Alfred University
- Saint Xavier University
- Loyola University
- DePaul University

**Figure 1:** Top Universities in Chicago

Source: [Reference 1](#)

**Companies Associated with Ceramics**

**Figure 2:** Companies Associated with Ceramics

Source: [Reference 2](#)

**Glance at Market of Ceramics:**

Ceramics world market is increasingly diversified, expected to represent considerable size as every segment keeps on growing.

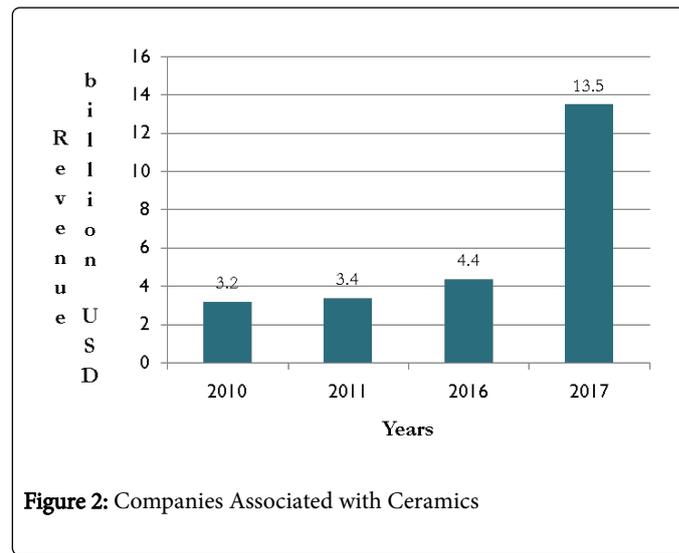
Currently standing at USD 296.2 billion, the ceramics market is forecast to grow to USD 502.8 billion by 2020, as every industry achieves improved manufacturing efficiency along with high renewable energy efficiency.

Projected Market Growth of Ceramics from 2010 to 2017

Medical and Dental market to be fastest growing. New bioceramic applications such as knee, orbital eye, and dental implants will help drive the medical product market at a double-digit annual pace over the forecast period, the fastest pace of any market.

The total technical and advanced structural ceramics market in North America was worth \$3.2 billion in 2010 and \$3.4 billion in 2011. This figure is projected to reach \$4.4 billion in 2016 yielding a compound annual growth rate (CAGR) of 5.1% between 2011 and 2016.

Demand for advanced ceramics in the US is forecast to rise more than five percent annually to \$13.5 billion in 2017.



Source: [Reference 3](#)

**References:**

1. <http://digitalfire.com/services/database.php?list=schools>
2. [http://www.manta.com/mb\\_35\\_E80FD7SK\\_000/ceramic\\_tile\\_manufacturers](http://www.manta.com/mb_35_E80FD7SK_000/ceramic_tile_manufacturers)
3. <http://www.whatech.com/market-research-reports>