

4 April

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REALIZING INCLUSION & INDUSTRY 4.0

Manufacturing, Education and
Community



REALIZING INCLUSION AND INDUSTRY 4.0

“Advance tech is here. Chicagoland’s competitive advantage in these global industries will be because we develop and embrace the talent in all our communities”

How can Chicago make sure our people are ready for jobs that don’t exist yet?

How can Chicago make sure its communities remain competitive?

How can Chicago make sure its manufacturing industry remains competitive?


How can Chicago stay ahead of emerging technologies and lead in these global industries?

The Realizing Inclusion & Industry 4.0 conference seeks to expand the understanding and amplify the interest on the implications of Industry 4.0 in our economy.

We will share some of the policies and programs that are needed to ensure the underserved and underrepresented employees and communities of color are full beneficiaries, if not leaders, in these opportunities for development.

Social inclusion and community development can be Chicago's competitive advantage in leading Industry 4.0.

We hope you leave Realizing Inclusion and Industry 4.0 with the drive to implement this complex endeavor by forging partnerships that are beneficial for all communities.



OUR FEATURED GUESTS FROM THE BASQUE COUNTRY OF SPAIN



The Basque Country is an autonomous community in the Northern region of Spain. With numbers similar to those of Germany, its industry generates 29.9% of its GDP with 26.3% represented by manufacturing.

Guest speakers will be the Basque Country, represented by Jorge Arévalo, Deputy Minister of Vocational Education and Training (VET), and Tknika, its Center for Vocational Education.

Jorge Arévalo is in charge of planning and setting the guidelines for Vocational Training. They develop the Basque Vocational Training plan, the design of actions aimed at lifelong learning, and the implementation of initial VET. They also plan everything related to the area's spaces and facilities, measures to ensure quality as well as planning, reform and innovation in this area of the educational system.



Tknika explores, researches, works and develops projects that will be essential to the future. The European Union recognizes them as best practice and they just got selected to be part of the UNESCO-UNEVOC Skills for Innovation Hubs pilot project.



AGENDA WITH SPEAKERS AND PANELISTS

Emcees - Mollie Dowling, OAI and Colin Cosgrove, Laystrom Manufacturing

8:00 to 9:00 am - Coffee and Networking


9:00 to 9:30 am - Opening and Welcome

- Jesse Sharkey, President, Chicago Teachers Union
- Carmen Curet, Executive Director, Chicago Teachers Union Foundation
- Mr. Jorge Fernandez, Delegate of the Basque Country to the United States
- Don Villar, Secretary Treasurer, Chicago Federation of Labor
- Darnell Shields, Executive Director, Austin Coming Together
- Juan Salgado, Chancellor, City Colleges of Chicago

9:30 to 10:30 am - Framing the Conference: This presentation will provide an understanding of Industry 4.0 and its importance, as well as, the challenge of inclusion from the Basque and Chicago experience.

- Dan Swinney, Manufacturing Renaissance
- Jorge Arévalo, Deputy Minister Basque Ministry of Vocational Education

10:45 to 11:45 - Morning Panel: This panel will focus on the practical and local experiences in promoting manufacturing in an inclusive way that involves and benefits low income communities—particularly those of color.

- Dr. Byron Brazier - Governor's Transition Team on Education and Economic Development; Pastor of Apostolic Church of God
 - David Girzadas, Daley College
 - Erica Staley, Manufacturing Renaissance
 - Craig Freedman, President, Freedman Seating, CMRC Executive Committee
 - Terésa Cordova, Great Cities Institute, UIC - Moderator
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AGENDA (CONTINUED)

11:45 to Noon - Break

Noon to 1:00 pm - Lunch with Tknika—the Basque Center for Vocational Education: This session will introduce the attendees to European “best practices” and experience linking education to advanced manufacturing in the Basque Country.

- Jon Labaka, Director of the Area for Intelligent Systems and Technologies in the Innovation Center for Vocational Training
- Maria Jose Barriola, Director of the Area for Biosciences and Sustainability in the Innovation Center for Vocational Training

1:00 to 2:00 pm - Afternoon Panel: This panel will discuss the policy implications of the experiences shared in the forum and propose next steps to influence the national discussion.

- Andrew Stettner, Senior Fellow, The Century Foundation
- Dr. Edward Gordon, Imperial Consulting
- Montez King, National Institute for Metalworking Skills
- Lee Wellington, Urban Manufacturing Alliance
- Michael Moriarty, Chicago Teachers Union Foundation - Moderator

2:00 to 2:15 pm - Closing Reflections

- Joshua Brooks, Young Manufacturers Association
- Mollie Dowling, OAI and Colin Cosgrove, Laystrom Manufacturing and Co-Chairs of the Chicagoland Manufacturing Renaissance Council

2:15 to 4:00 pm - Networking Reception



CHICAGOLAND MANUFACTURING RENAISSANCE COUNCIL

www.mfgren.org

Formed in 2005, the CMRC is a network that recognizes the key role of manufacturing in building a society that is sustainable and restorative. The Council represents both public and private sector interests in manufacturing. Its mission is to advocate for programs and policies that strengthen our regional manufacturing sector, while increasing social inclusion and the strength of communities.

2018 Highlights


- Introduced Bill HB5062 to expand pre-apprenticeship programs across the State of Illinois.
- Partnered with The Century Foundation in the High Wage America project, a federal agenda for revitalizing America's manufacturing communities.
- Launched the Ministers for Manufacturing Committee, with over 60 members advocating for manufacturing training and education programs across Chicagoland.

CHICAGO TEACHERS UNION FOUNDATION

www.ctuf.org

The Chicago Teachers Union Foundation (CTUF) is the philanthropic arm of the Chicago Teachers Union whose mission is to develop networks that advance education for students, advocate for teachers, and resource under-served communities through student scholarships, professional development, and grant making.

CTUF believes in ensuring all students have access to high quality and relevant Career and Technical Education (CTE) programs in every Chicago Public School through Build Your Own, a Career Pathways Initiative for students, teachers, and the community.



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