



3D Printed Housing Conference Schedule

Industry Experts Share Knowledge
& Answer Your Questions



May 9th & 10th

2022

Welcome,



Everyone has a fundamental right to housing they can afford and habitable planet. And that's why there is a **transformation** happening **right now** in construction. The world needs you to help usher in a new era of construction and build a better world for people today and the next generation.

So what's the solution...

3D printed houses, yeah, that **houses made by robots**. It has the potential to **reduce cost, reduce waste**, and build more affordable and sustainable housing.

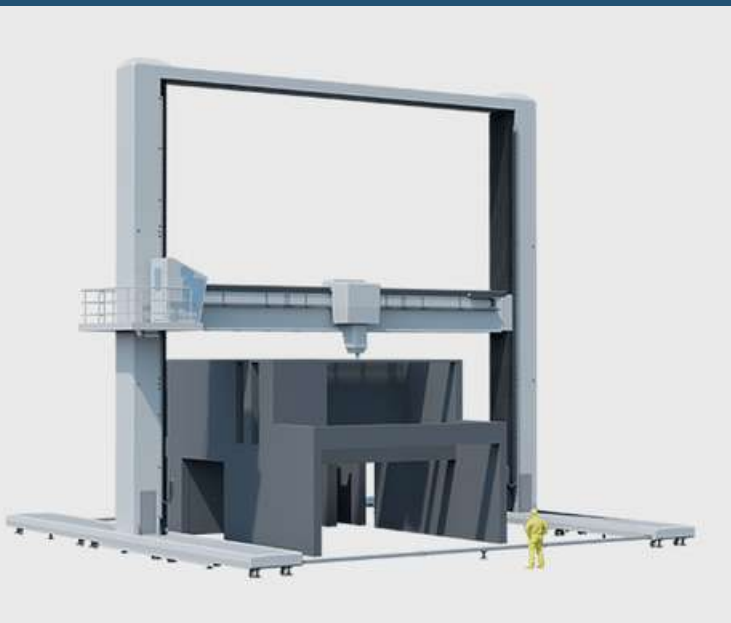
You, like everyone else, probably has a lot of questions about this new technology.

You will get your questions answered during this event by experts and industry leaders, people who has used 3D printing to build houses that people are living in today.



But First, What is a 3D Printed House Anyway?

A 3D printed house is built by a robot. There are many different types of machines already available now and it isn't that different than a desktop 3D printer, other than it is much much **bigger** and extrudes a building material, like concrete, instead of plastic.



And what are the benefits?

Using robotics to build houses has the potential to **reduce cost by 50%*** and **reduce waste by 90%***. Completely new designs can be created that are more energy efficient and aesthetically beautiful, all at the fraction of the cost of traditional construction*

But...

***What is true now?**

***What will be true in the future?**

***What is all hype?**

Expert Speakers

During this conference you will learn from expert speakers who have successfully completed 3D printed housing projects and share their best practices and tips.



Sam Ruben

Chief Sustainability Officer at Might Buildings

How can **reducing waste** in construction **increase profitability?**

Monday May 9th:
1:25pm - 1:55pm ET



Jon Belkowitz

3D Printed Concrete Expert at Intellegent Concrete

What makes 3D Printing with **concrete so hard?**

Monday May 9th:
2:10pm - 2:55pm ET



Stephan Mansour

Construction 3D Printing Specialist

How to get a **building permit** for a **3D Printed building?**

Monday May 9th:
10:15 - 11:00am ET

3D Printer: Showcase

3D Construction Printers are designed, built, and ready to be used on your housing and construction projects. The companies making these machines are leading the way in this new industry. Not only are they **building the machines** but they are **using them to build houses**, so they know more than anyone else where the technology is now and where it is going

Hear directly from...









Questions answered by 3D Printer Manufactures:

- What are the competitive advantages of your printer and materials?
- How has your technology improved based on a specific project?
- What training and support do you offer clients using your machine?

Plus Live Q&A with every speaker!




Schedule: Day 1 - Morning - May 9th

Time (Eastern Time Zone)	Speaker Name	Topic	Questions
9:00 - 9:20 	Alex Sheen CEO	Introduction	What is the state of the 3D printed construction
9:20 - 9:30 	Paul Hageman <i>Construction Project Manager</i>	Conversation with a skeptic	What should you be skeptical about with 3D printed housing?
9:30 - 10:15 	Philip Lund-Nielsen <i>Co-Founder of COBOD</i>	COBOD: 3D Printer Showcase	<ol style="list-style-type: none"> 1. Competitive advantages of COBOD printer and materials? 2. How has technology improved from specific case study? 3. What training and support do you offer 15 Minute Live Q&A
10:15-11:00 	Stephan Mansour ASTM and ISO committee leader	Building Codes and Permits	<ol style="list-style-type: none"> 1. What factors do you need to consider when permitting a 3D printed house NOW (Before updated standards) 2. What building standards are being developed for 3D printed houses and what impact will they have? 3. What key factors are hindering 3D Printing adoption? 15 Minute Live Q&A
11:00-11:10		BREAK	
11:10-11:55 	Zack Mannheimer <i>CEO of Alquist 3D</i>	3D Printed Affordable Housing	<ol style="list-style-type: none"> 1. Can 3D printing be used to make affordable housing today, and if not, what needs to happen before it can? 2. What makes rural America perfect for 3D printed housing? 3. How can we make building more sustainable and better serve people and communities 15 Minute Live Q&A
11:55-12:40 	Jose Duarte <i>3DCP Researcher at Penn State University</i>	3D Printed Architecture	<ol style="list-style-type: none"> 1. How is 3D printing going to change architecture? 2. What types of new designs and benefits are possible using 3D printed construction? 3. How will 3D printing enable "Mass customization" of housing? 15 Minute Live Q&A
12:40-1:25	LUNCH	Networking	Lunch and Networking






Eastern Time Zone

***All Sessions Subject To Change**





Schedule: Day 1 - Afternoon - May 9th

Time (Eastern Time Zone)	Speaker Name	Topic	Questions
12:40-1:25	LUNCH	Networking	Lunch and Networking
1:25-2:10 	Sam Ruben <i>Chief Sustainability Officer</i>	Sustainability	<ol style="list-style-type: none"> 1. How big is the pollution and waste problem in construction? 2. How can reducing waste increase profitability? 3. What changes are necessary to shift the construction industry forwards a sustainable future? 15 Minute Live Q&A
2:10-2:55 	Jon Belkowitz <i>Chief Technical Officer</i>	3D Printing with Concrete	<ol style="list-style-type: none"> 1. What is the difference between regular concrete and material used in 3D printing. 2. What separates success from failure when printing with concrete? 3. How do you determine the cause of a failed print and fix it? 15 Minute Live Q&A
2:55-3:05	Break	Break	Break
3:05-3:50 	Congressional Panel (*Tentative*)	Working with the federal government	How to work with federal government programs to increase 3D Printing Housing
3:50 - 4:30	Networking and Social	Networking in Breakout Rooms	Connect with other attendees and speakers during a network social hour.

Schedule: Day 2 - Morning - May 10th

Time (Eastern Time Zone)	Speaker Name	Topic	Questions
9:00 - 9:20 	Alex Sheen CEO	Introduction	Projections of 3D Printing Housing
9:20 - 9:30 	Kevin Hardin <i>Chief Engineering Officer</i>	Benefits of 3D Printing	Design freedom with 3D Printing
9:30 - 10:15  CyBe	Berry Hendricks CEO of Cybe	Cybe: 3D Printer Showcase	<ol style="list-style-type: none"> 1. Competitive advantages of Cybe printer and materials? 2. How has technology improved from specific case study? 3. What training and support do you offer 15 Minute Live Q&A
10:15-11:00 	Theo Salet <i>Dean of Eindhoven University of Technology</i>	University Partnerships	<ol style="list-style-type: none"> 1. What value does a successful 3D printing university program bring to the market? 2. How to partner with a university to make real-world projects? 3. How can artificial intelligence increase profitability and reliability in the next 3 years? 15 Minute Live Q&A
11:00-11:10		BREAK	
11:10-11:55 VERTICO	Volker Ruitinga <i>Founder of Vertico 3D</i>	Vertico: 3D Printer Showcase	<ol style="list-style-type: none"> 1. Competitive advantages of Vertico printer and materials? 2. How has technology improved from specific case study? 3. What training and support do you offer 15 Minute Live Q&A
11:55-12:40 	Sam Ruben <i>Chief Sustainability Officer</i>	Mighty Buildings: 3D Printer Showcase	<ol style="list-style-type: none"> 1. Competitive advantages of Mighty Building's printer and materials? 2. How has technology improved from specific case study? 3. What training and support do you offer 15 Minute Live Q&A
12:40-1:25	LUNCH	Networking	Lunch and Networking

Schedule: Day 2 - Afternoon - May 10th

Time (Eastern Time Zone)	Speaker Name	Topic	Questions
12:40-1:25	LUNCH	Networking	Lunch and Networking
1:25-2:10 	Trevor Ragno <i>Director of Construction</i>	Apis Cor: 3D Printer Showcase	<ol style="list-style-type: none"> 1. Competitive advantages of Apis Cor printer and materials? 2. How has technology improved from specific case study? 3. What training and support do you offer
2:10-2:55 	Peter Cooperman <i>Head of Marketing & Strategy</i>	Black Buffalo: 3D Printer Showcase	<ol style="list-style-type: none"> 1. Competitive advantages of Black Buffalo printer and materials? 2. How has technology improved from specific case study? 3. What training and support do you offer
2:55-3:05	Break	Break	Break
3:05-3:50 	Ian Comishin <i>President of Twente AM</i>	Twente Additive Manufacturing: 3D Printer Showcase	<ol style="list-style-type: none"> 1. Competitive advantages of Twente AM printer and materials? 2. How has technology improved from specific case study? 3. What training and support do you offer
3:50-4:35 	Justin D'Angelo <i>Owner of Printed Patio</i>	Printing more than walls	<ol style="list-style-type: none"> 1. Beside housing, what else can you print with a construction 3D printer? 2. How can you start small in 3D printed construction without building a house? 3. What are your top tips for someone start a small 3D printed construction business?
4:35-5:20	To Be Announced		

Updated: 3-24-2022

Eastern Time Zone

***All Sessions Subject To Change**

Even More Expert Speakers



Dr. Jose Duarte

Professor of Architecture at Penn State University

How is **3D Printing** going change
architecture?

Monday May 9th:
11:55am - 12:25pm ET



Zack Mannheimer

CEO & Founder of Alquist 3D

Can 3D Printing be used to make
affordable housing, if not now, then **when?**

Monday May 9th:
11:10am - 11:55pm ET



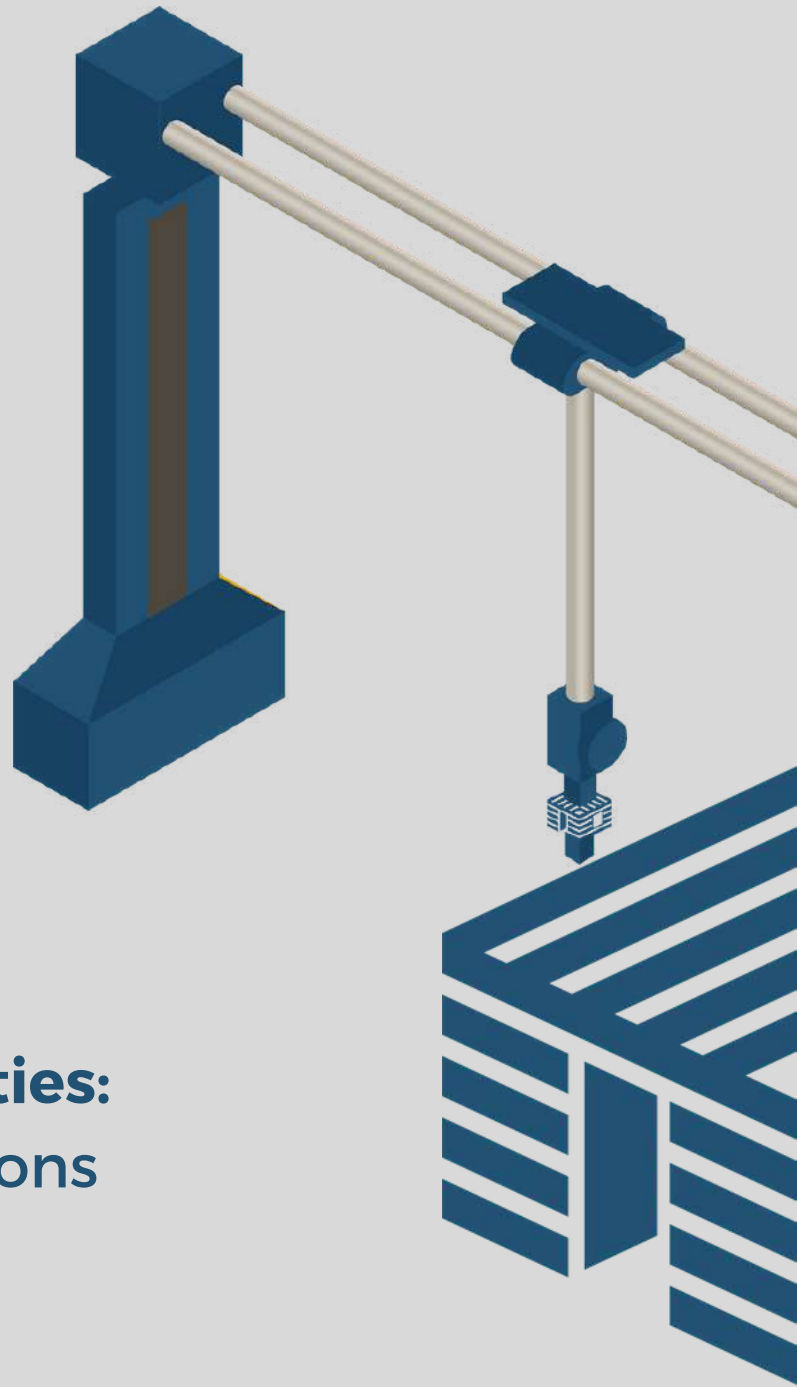
Dr. Theo Salet

Dean of Eindhoven University of Technology

How to partner with a **university** to
make **real-world** projects?

Monday May 10th:
10:15am - 11:00am ET

LIVE Q&A With Every Speaker



Networking Opportunities:
Make valuable connections
in the 3D Printing
Construction Industry



Conference Details

When: May 9th & 10th

Where: Virtual Event (Held Via Zoom)

Who: Anyone interested in 3D Printed Construction



Can't make it to every live session...Don't worry.
Recordings available for ticket holders

Ready to be part of the transformation?

Purchase your ticket today!

\$425



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