

# Unlocking the Power of 3D Printing: An Interview with MatterControl Expert, Joan Horvath

The image is a promotional poster for an event. It has a red-to-orange gradient background. At the top left, there is a logo consisting of three vertical bars of increasing height, followed by the text 'INNOVATE PASADENA'. Below this, the main title 'ASK AN EXPERT' is written in large, bold, white capital letters. Underneath the title, the date and time 'WEDNESDAY, SEPT 15, 2021, 12PM TO 12:30PM' are listed in a smaller white font. The topic '3D PRINTING FOR EDUCATORS' is written in white capital letters below the date. Further down, the text 'FEATURING' is in a smaller font, followed by 'JOAN HORVATH' in a larger, bold white font, and 'CO-FOUNDER, NONSCRIPTUM LLC' in a smaller white font. On the right side of the poster, there is a circular portrait of a woman with short grey hair, smiling, wearing a dark patterned top and a necklace with a circular pendant.

3D printing has revolutionized the world of manufacturing, allowing anyone with a printer and the right software to create physical objects from digital designs. One of the leading figures in this field is Joan Horvath, an expert in MatterControl – a powerful software used by many 3D printing enthusiasts. In this exclusive interview, we dive deep into the world of 3D printing with MatterControl, exploring its capabilities, impact, and future possibilities.

## Introducing Joan Horvath: The Face of 3D Printing

Joan Horvath, an engineer and entrepreneur, has been at the forefront of the 3D printing movement for over a decade. As the co-founder of Nonscriptum LLC and a renowned author, Horvath has dedicated her career to educating and

empowering individuals with 3D printing knowledge. Her expertise lies in MatterControl, a user-friendly software that simplifies the process of preparing and controlling 3D prints.

## 3D Printing with MatterControl

by Joan Horvath (1st ed. Edition, Kindle Edition)

★★★★☆ 4 out of 5

Language	: English
File size	: 5154 KB
Text-to-Speech	: Enabled
Screen Reader	: Supported
Enhanced typesetting	: Enabled
Print length	: 198 pages
Paperback	: 32 pages
Reading age	: 5 - 6 years
Item Weight	: 12.6 ounces
Dimensions	: 8.5 x 0.08 x 8.5 inches



The alt attribute of the image above should be large and descriptive, based on the keywords used in this article: *Joan Horvath - 3D Printing Expert*.

## MatterControl: Unleashing the Potential of 3D Printing

MatterControl is a feature-rich software that acts as the ultimate companion for 3D printing enthusiasts. This intuitive program allows users to effortlessly design, slice, and monitor their prints, providing a seamless experience from start to finish. With MatterControl, the possibilities are endless.

The software's user-friendly interface empowers beginners and experts alike to create intricate designs with ease. Its powerful tools enable precise control over settings such as layer thickness, infill density, and print speed, ensuring optimal

results for every project. MatterControl also boasts a vast library of pre-built models and design templates, further simplifying the creative process.

Additionally, MatterControl offers real-time print monitoring, allowing users to check the progress of their projects remotely. This feature ensures a hassle-free experience, as one can simply monitor their prints from a distance without the need for constant physical supervision.

## **A Glimpse into the Future**

The world of 3D printing is constantly evolving, presenting exciting possibilities for various industries. When asked about the future of this technology, Joan Horvath envisions a world where 3D printers are as common as traditional printers, finding their rightful place in homes, schools, and businesses. She believes that with the right education and resources, individuals can tap into the immense potential of 3D printing to bring their ideas to life.

Furthermore, Horvath emphasizes the importance of sustainability in 3D printing. By embracing eco-friendly materials and design practices, we can minimize waste and reduce the environmental impact of this technology. With advancements in biodegradable filaments and recyclable materials, 3D printing holds the key to a more sustainable future.

Joan Horvath's expertise in MatterControl has propelled her to the forefront of the 3D printing movement. With her vast knowledge and dedication, she continues to inspire and educate individuals on the transformative power of 3D printing. MatterControl, with its user-friendly interface and robust features, allows both amateurs and professionals to unleash their creativity and turn their digital designs into tangible realities. As the world of 3D printing continues to expand, the possibilities are truly limitless.

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In 3D Printing With MatterControl, Joan Horvath and Rich Cameron, the team behind Mastering 3D Printing, explain step-by-step how to use the MatterControl program, which allows you to control many common types of 3D printers (including both cartesian and delta style machines). 3D Printing With MatterControl can stand alone, or it can be a companion to Mastering 3D Printing to show you how to install, configure, and use best practices with your printer and printing software. The book includes both step by step software walkthroughs and case studies with typical 3D printed objects.

Whether you are a "maker" or a teacher of makers, 3D Printing with MatterControl will show you how to get the most out of your printer with the new standard for open source 3D printing software.

While there are books available on 3D printers, and even a few on software to make models for printers, there are few good sources covering the software that

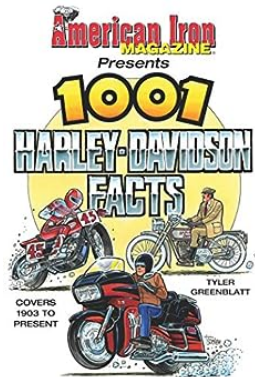
actually controls these printers. MatterControl is emerging as the leading open source software for 3D printers, and

3D Printing With MatterControl covers this new standard in this brief book.



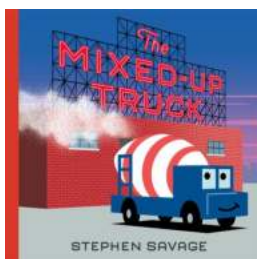
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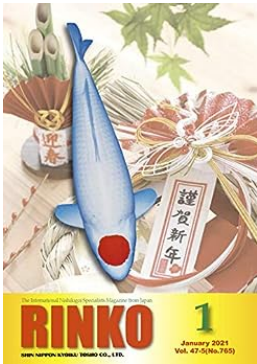
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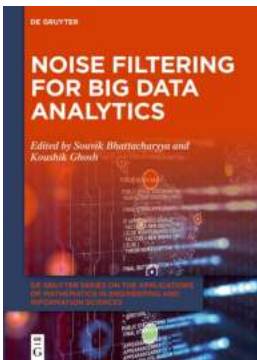
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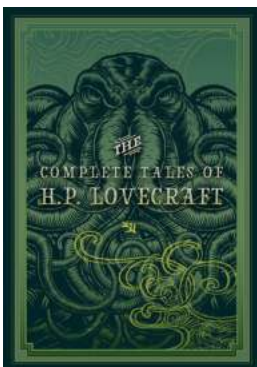
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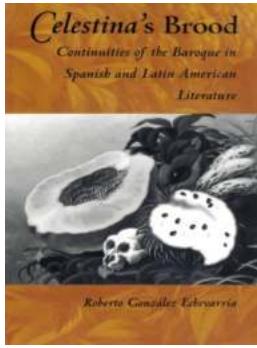
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