



## Technical Education Series : Resources & Live Discussions with MathWorks

Be part of one of the largest educational conversations of 2021 and join us on Wednesdays at 13:00 CET. We will talk about teaching trends such as distance learning and automated assessment and we will share classroom-ready course materials.

[Register](#)

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### Educator Resources



#### Online Teaching with MATLAB and Simulink Playlist on YouTube

Check out our new YouTube playlist which features videos on



#### Binary Morphology in Image Processing

Get free interactive curriculum materials that explore fundamental image processing techniques -

Live Scripts, Virtual Labs, using a MATLAB course as an LMS assignment and more.

[Watch now](#)

including a live script, supporting files, and more.

[Download course materials](#)

## Virtual Events & Webinars



### Enter the MathWorks Minidrone Competition

2 August

[Register](#)

<b>15 June</b>	Developing UAV Applications with MATLAB and Simulink	<a href="#">» Register</a>
<b>17 June</b>	Autonomous Navigation for Highway Driving: Design and Simulate Lane Change Maneuver System	<a href="#">» Register</a>
<b>22 June</b>	Hardware-Efficient Linear Algebra for Radar and 5G	<a href="#">» Register</a>
<b>24 June</b>	Deep Learning for Wireless Communications	<a href="#">» Register</a>
<b>On Demand</b>	MATLAB EXPO 2021 Proceedings	<a href="#">» Watch now</a>

[» View all live events](#)

## MATLAB in Research



### **New Algorithm Boosts Robustness of Robot Perception**

MIT researchers developed the graduated non-convexity (GNC) algorithm, which reduces the random errors and uncertainties in SLAM results.

[Read more](#)

## MATLAB and Simulink in Industry

### **Bosch eBike Systems Develops Electric Bike Controller with Model-Based Design**

Learn how Bosch eBike Systems engineers used Model-Based Design with MATLAB and Simulink to speed the design, implementation, and testing of the control systems for its drive units.



[Read more](#)

## Additional Resources

» [Join Distance Learning  
Community](#)

» [Research and Design Project  
Ideas for Students](#)

» [Image Processing Onramp](#)

» [Cleve Moler Blog](#)



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