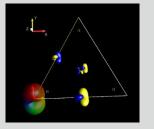


## **REPRESENT DENMARK AT THE 2020 QUANTUM FUTURE ACADEMY!**



## Three interactive quantum simulation tools



Circuit composer	Sola Tree Top Pot
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q(1)  0)	Star Laborator Fact
η[3]  0) η[4]  0)	

Spin Drops

IBM Qiskit Quantum Composer

You: a bachelor or master's student in physics, chemistry, engineering, computer science or just a quantum enthusiast Your challenge: represent and explore a research or educational quantum phenomenon (either your own or one that we recommend) using one of the numerical simulation tools. Interpret and discuss your results in a short written synopsis and a short video

**Timeline:** 1st of July: registration opens. 1st of August: challenge is announced. 1st of September: submission deadline **Your reward:** (1) a chance to dive into the wonderful world of quantum using three interactive and accessible simulation tools and (2) if you win: a **fully-funded trip to Berlin to attend the Quantum Future Academy** in November 2020 with likeminded students from around the EU!

## Learn more here: www.scienceathome.org/quantum/QFA-2020