

## EEP Robotics Challenge Finals 2018 Robotics Volunteer Judge

**Where:** [The NEC, Birmingham](#)

**Date:** 16 March 2018

**Time:** 8 am – 4 pm

**Role:** Robotics Volunteer Judge

**Contact:** Elena, Volunteer Manager

[EMartin-Laguna@engineeringuk.com](mailto:EMartin-Laguna@engineeringuk.com)

### Overview

[The Tomorrow's Engineers EEP Robotics Challenge](#) is an exciting, hands-on activity for 11-14 years and we need your help to deliver this STEM enrichment experience. Students learn how to build, program and control autonomous LEGO robots in school or at after-school clubs over the course of approx. five months. The challenge involves using these skills to complete a series of short aviation themed missions in teams using LEGO® MINDSTORMS® Education EV3 sets. Teams also research and present their own solution to a contemporary scientific or engineering problem supported by the Royal Air Force as they celebrate 100 years and Rolls-Royce.

### Why do we need you?

As a Robotics Judge you will help make the day truly exciting and memorable for the students. We want the young people to leave feeling inspired about engineering and STEM, volunteers are a big part of making that happen.

We need you to share your time and STEM knowledge to assess each team. We now work with 370 schools round the UK and we couldn't have done it without the amazing support of our volunteers.

### What activities will you be involved in?

Alongside other volunteer judges you will attend the all-day Tomorrow's Engineers EEP Robotics Challenge competition event that the students will have been working towards.

You will be required to judge one or more of the different elements of the competition:

- A speed challenge
- The robot challenge
- Scoring robot designs
- Assessing presentations
- Delivering and assessing an unseen teamwork challenge.

As a judge you will provide encouragement, careers links and positive feedback on team performance. Students taking part in the Tomorrow's Engineers EEP Robotics Challenge will learn more about engineering in a fun and engaging way.

### What skills and abilities are we looking for?

We are looking for enthusiastic volunteers that encourage the students and help the day to run smoothly.

We are looking for the following skills and attributes:

- Ability to communicate and interact positively with young people
- Enthusiastic
- Excellent interpersonal skills to encourage students in a friendly manner
- Ability to work as a part of a team and learn from others
- Preferably a STEM background
- Good time-keeping and organisational skills.



### What can you gain from this opportunity?

- Having a **rewarding experience** making a difference to young people and inspiring them
- Playing an integral role in a **prestigious competition** that gets young people excited about STEM
- **Networking** opportunities
- Joining an enthusiastic team of people
- Developing **analytical and evaluation skills**
- Develop your leadership skills in a friendly environment.

It is a terrific opportunity for people interested in STEM to celebrate and encourage the next generation of scientists and engineers.

And most importantly, you will have a fun day!

### Is there an induction and learning and development?

We aim to give all our volunteers a unique experience at the Robotics Competition. We will provide you with training and support throughout your volunteering role:

- **Interactive induction** for new volunteers (45 mins, online).
- **Specific training** for all Volunteers Judges (45 mins, online).
- Volunteer **Handbook** and briefing documents.
- On-site **briefing** on the day (30 mins, face to face). Arrival 8 am for a prompt start at 8.15 am. If you are volunteering more than one day you don't need to attend the briefing on following day.
- On-site **support and supervision** from the Volunteer Manager, The Robotics Team and Team Leaders Volunteers.

### Who should you contact? What are the next steps?

You will need to complete an application form, available online. For more information about the roles, please contact **Elena Laguna (Volunteer Manager)** on [EMartin-Laguna@engineeringuk.com](mailto:EMartin-Laguna@engineeringuk.com) or 07934295509.

New applicants will have to attend an **Induction webinar (online)**. Volunteers who have not attend the Fair before will have the opportunity to find out more about this unique experience, and ask any questions that they may have.

