

## KS - EdTech and Emerging Technologies

Today's classrooms have moved beyond just desktop computers that were once the norm and are now tech-infused with tablets, interactive online courses and even robots that can take notes and record lectures for students who are ill.

This influx of edtech tools are changing classrooms in a variety of ways: AI based edtech robots, machine learning based classroom models, usage of conversational AI based chatbots, are making it easy for students to stay engaged through fun forms of learning; IoT devices, that are not only providing resources over a variety of platforms, but are encouraging an ecosystem driven by the need of connectivity, are being hailed for their ability to create digital classrooms for students, whether they're physically in school, on the bus or at home; even machine learning and blockchain tools are assisting teachers with grading tests and holding students accountable for homework.

The potential for scalable individualized learning goes beyond a classroom and has ushered an integrated environment that is seamless. It has played an important role in edtech's ascendance. The way we learn, how we interact with classmates and teachers, and our overall enthusiasm for the same subjects is not a one-size-fits-all situation. Everyone learns at their own pace and in their own style. Edtech tools make it easier for teachers to create individualized lesson plans and learning experiences that foster a sense of inclusivity and boost the learning capabilities of all students, no matter their age or learning abilities.

In a recent survey conducted by BuiltIn, 92% of teachers believe tech is going to have a major impact on the way they educate in the near future. For that reason, it's vital to understand the benefits edtech brings in the form of increased communication, collaboration and overall quality of education.

This minitrack welcomes papers in all formats including empirical studies, design, theory, theoretical framework, case studies, and etc. The minitrack encourages submission of any studies from an implementation standpoint of a technical or economical model, which engages emerging technologies in the area of edtech.

The submissions include, but are not limited to, the following topics:

- Theories used in edtech
- Virtual and distributed edtech models and technologies
- Management of frameworks used in edtech
- Knowledge networks and the future of edtech
- Edtech implementation methodologies

- Human networks in Edtech
- Quality Metrics to measure the effectiveness of Edtech platforms
- Best practices in edtech
- Management and implementation frameworks and standards
- Automation in edtech
- Knowledge sharing and management in edtech using novel technologies
- Repurposing current methodologies into edtech
- Governance models in edtech
- Software and eservices in edtech
- Role of corporates/governments in edtech