**Call for Book Proposal Submissions**

**Bridging Human and Machine: Future Education with Intelligence**

*Bridging Human and Machine: Future Education with Intelligence* is a book series edited by Prof. Shengquan Yu (Beijing Normal University, China) and Professor Ig Ibert Bittencourt (Universidade Federal de Alagoas, Brazil), published with the Springer. We invite submissions of book proposals that fall into the scope of the series.

1. **Scope of the Series**

Advancements of artificial intelligence (AI), brain science, big data and Internet of Things (IoT) may provide disruptive technologies to fundamentally change how people teach and learn, how they understand the learning and knowledge construction process, and even the nature of future education. Accordingly, it is necessary to ensure both the educational and technical communities to comprehend and cooperate with each other, prepare both sides with the skills and confidence required to navigate in an increasingly effective learning environment, and eventually seamless bridge the gap between human and machine. This book series will gather researchers from AI to brain science, scientists from data science to cognitive neuroscience; experts from academia to industry, and specifically pay attentions on the new frontiers and technologies that would transform future education.

1. **Topics**

Topics are covered but not limited to the cutting-edge and multidisciplinary research, developments, and practices among the fields in education and technology. The topics on combining the advanced technologies (e.g., AI, big data or 5G) with the education or brain science are strongly encouraged. For example:

* Intelligent Tutoring System
* Artificial Intelligence in Education
* Auto-grating
* Emerging Technologies in Education
* Augmented Intelligence to empower Education
* Intelligent and Interactive Technologies in Educational Context
* Modelling and Representation
* Models of Teaching and Learning
* Learning Contexts and Informal Learning
* Intelligent Techniques to Support Disadvantaged Schools and Students
* Design, Use, and Evaluation of Human-AI Hybrid Systems for Learning
* Ethics in AIED
* Intelligent Textbooks
* AI Education in K12
* EDM and LA in CS Education
* Team Tutoring
* AI to Support Lifelong Learning
* Standardization for AI in Education
* Designing Human-Centered AI Products

1. **Preparation of Proposals**

Please complete Book Proposal Form, along with CV, table of contents and one sample chapter or a chapter outline.

1. **Submission of Proposals**

Potential authors are welcome to download Book Proposal Form (click the link above) or request it by e-mail to Jiachen Song ([song.jiachen@bnu.edu.cn](mailto:song.jiachen@bnu.edu.cn)), Project Manager of Artificial Intelligence Laboratory, Advanced Innovation Center for Future Education, Beijing Normal University.

1. **Review and Evaluation of Proposals**

Proposals that meet initial screening criteria will be reviewed and evaluated by the book series editors and Springer editors, or by external reviewers knowledgeable on the topics addressed in the proposal. The Springer editor will send a decision and feedback to the personal who submitted the proposal.

1. **Inquiries**

Inquiries and submissions should be sent to: [song.jiachen@bnu.edu.cn](mailto:song.jiachen@bnu.edu.cn) and nees@ic.ufal.br