

QSITE 2021 STATE CONFERENCE - LET IT BLOOM - CONFERENCE PRESENTER BIOS

| <i>Presenter</i> | <i>Position/job Title</i> | <i>Presenter Bio</i> |
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| KEYNOTE Atkins, Sarah | Curriculum Officer Digital Technologies in focus Australian Curriculum, Assessment and Reporting Authority | Sarah Atkins has worked for ACARA since 2017 as part of the Digital Technologies in Focus project supporting school clusters in Queensland and New South Wales. She brings many years of experience to the role of Curriculum Officer. Sarah is immediate past secretary for the board of the International Bebras Computational Thinking Challenge and edited the Australian Bebras Teacher solution guide 2014-2019. She was awarded QSITE's Outstanding Leader in 2015. Sarah has previously worked as Assistant Manager Technologies for the Queensland Department of Education and as a specialist eLearning Teacher at Good News Lutheran School. She specialises in providing practical ideas for teachers in the implementation of the Digital Technologies curriculum. Sarah can be found on Twitter @SaraheLearn and as part of the Scratch community: SaraheLearn |
| KEYNOTE Border, Fraser | integratedSTEM Founder and Program Developer | Fraser is a young, local robotics engineer and agricultural researcher passionate about inspiring students towards pursuing a STEM career. As a researcher, he has worked on many projects developing first-in-the-world systems for global companies such as John Deere and JBS. Fraser loves everything tech, and has a particular interest in innovating in agriculture and has worked to solve problems of many ag-tech giants such as John Deere, Caterpillar and JBS. He particularly enjoys working within a global start-up investigating means of automating the incredibly difficult domain of red meat processing (think converting steers to steak!) – and is developing a solution to a problem worth \$90m to Australia each year! Recently, Fraser was awarded Australia's Science and Innovation Award for Young People in Agriculture that included a project stipend of \$45,000 to complete a project that incorporates augmented reality with advanced sensing to assist processors to work more efficiently in abattoirs. Fraser is also the founder of integratedSTEM, an Australia-wide technology education start-up dedicated to inspiring the next generation of students in STEM dedicated to empowering students with the perspective of transforming a passion for technology into a profession. As a team of engineers, researchers and educators, integratedSTEM has engaged thousands of students across Australia, and even across the world, in authentic engineering and immersive STEM experiences focused on developing entrepreneurial strategies and technical skills in cutting-edge technologies such as robotics, 3D printing and design, electronic circuits, artificial intelligence, machine vision and much more. |

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| KEYNOTE Jenine Beekhuyzen | Tech Girls Movement Foundation | As one of Australia's Women of Influence, Jenine often wears a cape to mobilise our next generation into action. Also known as Jewella, she uses her superhero persona to share her passion for education and entrepreneurship, while inviting girls, in particular, to find their superpower and use it to solve problems important to them in their local community and beyond. With a presence in every Australian school, Jenine's ultimate goal is to use technology to enable us to be our best selves, and for us to be in a position to actively contribute to solving the world's most important problems. Through digital intelligence, young people will find that they have the necessary superpowers to make a real difference in the world. |
| KEYNOTE Brenden Hodgkins | Euclidean Holographics | Brenden has a wealth of experience in product management and sales assisting with audio visual integration. He enjoys helping educational facilities transform their learning environments using the latest technology. From device procurement, through to cloud transitions, guiding schools to achieve the best outcome. |
| BIOS WORKSHOP PRESENTERS | | |
| Bentley, Juliette | Adobe APAC Master Teacher and Google Innovator | Juliette is an inspirational educator and is a regular presenter on our Adobe - Inject Creativity conferences. Her work with Adobe Spark and the way she has embedded it into her teaching is remarkable. She will also share how she uses Adobe in conjunction with Google. |
| Betts, Justin | Teacher/Esports Coordinator, Forest Lake State High School | Justin Betts is a second-year teacher at Forest Lake State High School. In 2020 he wrote an Esports curriculum for Year 9 that aligns with the Digital Technologies curriculum yet presents Esports subject matter and runs as a separate subject 'Esports Excellence' within the school. In 2021, QCAA approved the Senior ICT Applied subject Justin wrote, with specific electives aligned to continuing the junior Esports career pathway in senior. Justin also coordinates the extra-curricular Esports club at the school which involves in-school club meetings twice a week as well as multiple excursions to other schools and universities to compete in Esports tournaments. |
| Bowdern, John | Teacher, Toowoomba State High School | John is passionate about teaching and learning and keen to develop creativity throughout the process. Digital Literacy has become an important component of life and through the injections of creativity students are able to learn and produce work in many wonderful ways. Given the current climate, digital literacy is perhaps even more important than ever before. John is a certified Adobe Education Leader and has been an IT teacher at Toowoomba State High School for three decades specialising in ITS and ICT. John also leads the Aviation program at the school and has a passion for remote controlled model aircraft. |
| Burmeister, Jay | Teacher, Townsville Grammar School | Jay teaches Information Technology and Physics at Townsville Grammar School. Before becoming a high school teacher, Jay lectured IT at the University of Queensland and at Griffith University. Jay is currently the Chair of the Townsville chapter of QSITE and delivers professional development to local teachers. |
| Crouch, Vanessa | Education Officer eLearning, Toowoomba Catholic Education | Vanessa Crouch is the Education Officer eLearning for Toowoomba Catholic Schools. She is a primary school teacher with 20 years' experience in teaching. Her passion and expertise for science, mathematics and technology education and pedagogy has driven two master's degrees. She is passionate about giving teachers the confidence to teach using technology in authentic ways. She is a PhD candidate at USQ investigating the impact of teacher confidence in using technology for authentic learning. |

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| Frampton, Amanda | Learning Delivery Specialist , Microsoft | Amanda Frampton is a previous teacher who is passionate about integrating ICT into the Curriculum and moving classrooms to places of creation with technology rather than simply consumption. Amanda currently works for Microsoft as a Learning Delivery Specialist and works closely with School Systems, Individual Schools and teachers to facilitate the transformation of their practice to include effective ICT integration and to empower students to achieve more. |
| Herring, Paul | HOD Digital Solutions & Technologies | Paul F Herring M.Sc (Physics), Dip. Tchg., MACS (snr) CP, Cert IV HOD, Teacher, IT Consultant, Software Developer, Author |
| Hurwood, Peter | Curriculum Leader Assistant - Digital | Peter Hurwood is the Digital Curriculum Assistant at St Peters Lutheran College, Indooroopilly. Before becoming a teacher, he worked for 25 years in the IT industry across many industries, largely in infrastructure and management roles. Peter has most recently spent 10 years managing IT development teams using Agile practices. He now applies his knowledge using Agile to help manage activities in his classes. |
| Jensen, Matt | Education Officer - Curriculum (Learning and Teaching Technologies), Brisbane Catholic Education | Matt Jensen is currently Education Officer – Curriculum (Learning and Teaching Technologies). In his previous role as Technologies Curriculum Leader at St Mary’s College Ipswich, he has been using App Lab with Year 7 – 9 students to teach computational thinking and UI and algorithm design. He has extensive experience in using digital learning tools to promote classroom engagement and creativity. Matt’s teaching areas include English, drama, business and digital technologies and brings a wealth of experience using digital tools in a variety of classroom contexts as well as with teaching teams. |
| Kelly, Richard | Head of Department eLearning, Toowoomba State High School | Richard Kelly has been teaching IPT and Digital Solutions for 20 years. He is Head of Department eLearning at Toowoomba State High School and the QSITE Toowoomba chapter chair. Richard has a passion for coding and has used PHP with his students for over 15 years. |
| Koutsoukis, Thea | Teacher (IT and Maths), Kelvin Grove State College | Thea Koutsoukis is a digital technologies and mathematics teacher at Kelvin Grove State College. With a degree in Computer Science and Artificial Intelligence and a past life as a software developer, Thea brings both academic and industry experience into the role. She is passionate about the power of technology in changing lives and wants to be a positive role model for young women in IT. Her favourite languages are Python and Haskell. |
| Naidoo, Nalin | Forest Lake State High School | Nalin is an experienced senior teacher in his fourteenth year at Forest Lake State High School, some of which was spent as a Head of Department and acting Deputy Principal in far North Queensland. While he teaches senior Mathematics and Digital Technologies, Nalin continues to pursue and promote his passion in technology by actively seeking new and exciting opportunities to inspire both students and staff. |
| Nielsen, Brad | Digital Technologies Coordinator | Brad Nielsen has been teaching Senior IPT and then Digital Solutions for the last 8 years. He has presented several times at the Python in Education Conference and Moodle conferences - his second interest being Learning Management System design and online learning. |

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| Parker, Julie | Leadership and Learning, Apple | Julie's role in Leadership & Learning at Apple supports teaching & learning best practice with technology. This extends to working with school leaders & the school community on defining and achieving their vision for technology in the classroom. |
| Rablin, Amanda | Elearning Coordinator, Digital Technologies Teacher | Amanda has 20 years of experience working within the area of educational technologies. She has worked within schools, school systems, corporate and government positions. Her career has focused on the meaningful use of online and digital technologies to support learning and contemporary pedagogies. She has presented at numerous conferences and has been recognised with state (QSITE) and international (ISTE) awards for her contributions in the field. In the past she has been actively involved in QSITE initiatives and also was the co-host of the ACCE Learning Network with Roland Gesthuizen. At St Peters, she predominantly works with teachers to extend the use of ICT in the classroom and teaches Year 7 students Digital Technology. |
| Sansness, Chantelle | Leadership and Learning | Chantelle Sansness divides her time between the classroom, coaching teachers in inquiry methodology and supporting schools to elevate teaching and learning through the innovative use of iPads. Chantelle has worked previously as a Principal Education Officer for the QCAA (Queensland Curriculum and Assessment Authority) and was the 2017 Queensland Cooper Hewitt Fellow. |
| Schneider, Elke | Principal Project Officer, Australian Curriculum: Technologies, QCAA | Elke has over 20 years of experience in Digital Technologies. Elke has worked as a computer programmer, a tertiary IT and Business instructor, and a secondary Technologies classroom teacher. In recent years, Elke has worked in roles that directly support schools and teachers in implementing the Australian Curriculum: Technologies P-10. Elke's current role as a Principal Project Officer: Technologies in the Queensland Curriculum and Assessment Authority (QCAA) involves providing advice and supporting educators in implementing the Technologies curriculum. Elke is a passionate advocate of women's increased participation in STEM. |
| Schulz, Karsten | Principal Engineer, Digital Technologies Institute | Karsten Schulz is an engineer, scientist, and educator. He holds a PhD in Computer Science and a Bachelor in Electrical Engineering with a focus on Software Engineering. In 2010, Karsten created the Young ICT Explorers Competition and, in 2014, whilst working for NICTA, he founded the Bebras Australia Computational Thinking Challenge, which is part of the International Bebras Challenge. Karsten has been working in the Australian ICT and Digital Technologies space since 1999 in an international R&D leadership position. He has designed various DT courses, a computer processor, and builds artificial neural networks. |