

**Timothy D. Swieter, P.E.**  
**Birket Engineering Singapore**  
Project Engineer and General Manager  
Kettering University, 2003



Timothy D. Swieter, P.E. is a Project Engineer and General Manager of the Birket Engineering Singapore Pte Ltd. For over 25 years Birket Engineer has been designing, fabricating and installing the control systems used in theme park rides, shows and nighttime spectacles.

Timothy resides in Singapore where he manages Birket Engineering's sister company and is responsible for Asian projects. Prior to living in Singapore, Timothy lived in Hong Kong for 2 years and managed work in Hong Kong and in China. Self-described Overly Enthusiastic Entertainment Engineer (OEEE), Timothy embodies the title and brings passion and excellence to every project.

In Timothy's career at Birket Engineer he has held responsibility for:

- Project Manager and Engineer for not one, but two WOW attractions at the Galaxy Macau Resort.
- Software commissioning of Revenge of the Mummy The Ride, Universal Studios Singapore.
- On-site manger for installation and test and adjust of It's a Small World show control system.
- Project Manager and system design for on-board lighting and audio control system, Hollywood Dream The Ride Rollercoaster, Universal Studios Japan.
- Project Engineer for parkwide Hong Kong Disneyland's fireworks control system.
- Show control design team, Fear Factor Live! Universal Studios Hollywood – THEA Award Winner.
- Ride control design team, Revenge of the Mummy The Ride, Universal Orlando and Universal Studios Hollywood – THEA Award Winner.
- Product development, specialty LED lighting and strobes.
- Concepting, quoting and marketing of themed entertainment systems.

Prior to joining Birket Engineering Timothy was a co-op for Siemens Dematic Material Handling Division. Timothy worked with a team to design and install advanced material handling solutions for Wal-Mart, Walgreens, United States Postal Service and other customers. Timothy attended Kettering University where he graduated with a Bachelor of Science in Electrical Engineering and minor in Acoustics.

In his spare time, Timothy enjoys pursuing his entrepreneurial desires, designing electronics for his home and robots and enjoying the expat life in Asia.