

**Timothy D. Swieter, E.I.**  
**Birket Engineering, Inc.**  
Project Engineer  
Office Manager, Hong Kong Office  
Kettering University, 2003



Timothy D. Swieter is a Project Engineer and Manager of the Birket Engineering Hong Kong Limited. For over 20 years Birket Engineer has been designing, fabricating and installing the control systems used in theme park rides, shows and nighttime spectaculars.

Timothy resides in Hong Kong SAR where he manages BEHK – Birket Engineering’s sister company responsible for Asian projects. Self-described Overly Enthusiastic Entertainment Engineer (OEEE), Timothy embodies the title and brings passion and excellence to every project.

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

- Managed installation and test and adjust of It’s a Small World show control system
- Onboard lighting and audio control system design, Hollywood Dream The Ride Rollercoaster, Universal Studios Japan
- Show control design team, Fear Factor Live! Universal Studios Hollywood – THEA Award Winner
- Parkwide fireworks control system and design, Hong Kong Disneyland
- 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
- System integration, Precision Engineered Systems, Daytona Beach, FL, USA

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 and Engineering and minor in Acoustics.

In his spare time, Timothy enjoys contributing to Robot Magazine, spending time with his wife and reading.