

## **Informatie over onze partners**

Op de volgende pagina's vindt u informatie over enkele van de partners die samen met ons deze BYOD-Expedition mogelijk maken.

Omdat de informatie direct afkomstig is van de websites van deze bedrijven, zijn deze artikelen in het Engels.

Voor meer informatie over al onze partners van deze BYOD-Expedition kunt u de websites bezoeken:

Pasco: [www.pasco.com](http://www.pasco.com)

Motic: [www.motic.com](http://www.motic.com)

Christiani: [www.christiani.de](http://www.christiani.de)

Phywe: [www.phywe-systeme.com](http://www.phywe-systeme.com)

Vinitex: [www.vinitex.nl](http://www.vinitex.nl)

VB Italy: [www.vbcutworld.com/](http://www.vbcutworld.com/)

Wuekro: [www.wuekro.de](http://www.wuekro.de)

Fischer techniek: [www.fischertechnik.de](http://www.fischertechnik.de)

[www.vosinstrumenten.nl](http://www.vosinstrumenten.nl)

[www.starlabfurniture.nl](http://www.starlabfurniture.nl)

## **BETT Award Finalists**

*Two PASCO® scientific products are finalists in the prestigious BETT 2015 awards.*

The Spectrometer and SPARKvue software with data-sharing application are among the finalists from thousands of entries around the world

Roseville, Calif. – Nov. 24, 2014 – PASCO Scientific, a leader in 21st century science education, today announced that two of its products are finalists in the 17th annual Bett Awards. Organized and managed by i2i Events Group and the British Educational Suppliers Association (BESA), the Bett Awards recognize and celebrate excellence in the use of information technology in education.

The two shortlisted products are: SPARKvue with data-sharing, a science learning application that combines rich content, data collection, visualization, analysis, and assessment into one seamless environment; and PASCO's Wireless Spectrometer, the world's first wireless spectrometer that, with integrated light sources and CCD detector, can measure light intensity, absorbance, transmittance, and fluorescence, and supports a variety of experiments. The two are nominated in the Educational App and Digital Devices categories, respectively.

“For more than 50 years PASCO has worked to advance science education through the innovative application of technology solutions. To be recognized by such an esteemed program is validation that our lab activities and technologies are helping foster student interest and achievement in the sciences,” said Steven Korte, CEO of PASCO. “We are honored and more dedicated than ever to continue providing schools around the world with the tools that enable inquiry-based learning and expose students to the fascinating world of modern science and technology careers.”

A finalist in the Educational Apps category, SPARKvue is a powerful, yet easy to use application that delivers state-of-the-art data collection, visualization, and analysis tools within a content-rich, standards-based science learning and sharing environment. With SPARKvue, students are able to think and act like real scientists as they design and carry out experiments, analyzing their data to prove their hypothesis right, or learn why it was wrong. The application helps students connect the lab experience with lectures, reading, and discussion, an approach proven to result in better mastery of subject matter and stronger scientific reasoning.

With both Bluetooth and USB connectivity, the Wireless Spectrometer, a finalist in the Digital Devices category, is the first wireless spectrometer enabling direct student use on tablets and computers. The Spectrometer + Spectrometry app supports experiments including emission spectrometry, absorbance spectra analysis of colored solutions and plant pigments, Beer's law determination of unknown concentrations, and kinetics experiments, all integral to the teaching and learning of content in physics, chemistry, and biology.

The Bett Awards are considered to be the most prestigious awards in the international education sector, recognizing distinctive and diverse digital education resources that meet the needs of education systems. Judges, who are leading education-sector stakeholders, evaluate entries on criteria such as sound design principles, ease of use, how much it enables effective learning and teaching, accessibility, and level of innovation. The winners will be announced during the Bett Show, which is being held in London from Jan. 21 to 24, 2015. For more information visit: [www.bettshow.com](http://www.bettshow.com)

June 26, 2014



## **PASCO® Releases New SPARKvue Science Learning Application: Real-Time Data-Sharing and Chromebook Compatibility Among the New Features**

*SPARKvue helps educators create science learning environments with real-time measurement, data visualization, collaboration, and analysis – anytime, anywhere.*

Roseville, Calif., June 26, 2014 – PASCO scientific, a leader in 21st century science education, announces the release of its new SPARKvue, the award-winning science learning application that combines rich content, data collection, visualization, analysis, and assessment into one seamless environment. With the new version, students and teachers can now easily share data and even collaborate on lab activities, all in real time. [Click to Tweet.](#)

What's more, the new SPARKvue is the only science solution that allows educators and students to connect sensors and collect data on the Chromebook™. SPARKvue also supports iPad® and Android™ tablets, netbooks, and Windows® and Mac® computers. The newest full-featured SPARKvue apps for iPad, Android, and Chromebook are now free and can be downloaded at the App Store, Google Play, or the Chrome Web Store.

“Almost every career field today is powerfully affected by scientific and technological advancements. Still, according to research, many young people do not envision a career in the fields of science, technology, engineering, and mathematics,” said Steven Korte, CEO of PASCO. “The new SPARKvue offers a global learning experience where science is engaging and makes use of relevant technology for students, using a variety of platforms and devices, now and well into the future.”

The latest SPARKvue includes assessment and journaling features, as well as access to 70+ free SPARKlabs®. The expanded framework also allows students to perform sensor data analysis – at school or home, with opportunities for student reflection using journal snapshots of work as well as written observations – all with the touch of a finger.

Teachers also have broader capabilities with the advanced SPARKlab authoring tools. With them, educators can design their own interactive lab activities and easily create customized assessment questions to test for student understanding, all in real time.

“To produce a new type of scientist — one who understands a broad range of disciplinary approaches, is able to ask creative questions, and is trained to answer those questions with a wide range of tools — requires a new pathway to science learning,” said Korte. “Today PASCO is changing the future of science education, just as it has been doing for the past 50 years. We can't wait to put the SPARKvue application into the hands of current students who are destined to become the STEM professionals of tomorrow.”

## **Distinguished!**

*fischertechnik products are regularly distinguished by prizes and awards:*

### **2010**

Prize: Nominated for “The golden rocking horse”  
Category: Play & Technique  
Construction set: PROFI Technical Revolutions

### **2009**

Prize: Category winner for “The golden rocking horse”  
Category: Play & Technique  
Construction set: PROFI Oeco Tech

### **2008**

Prize: Nominated for “The golden rocking horse”  
Category: Play & Technique  
Construction set: PROFI da Vinci Machines

Prize: Category winner “Speelgoed van het Jaar” (Toy of the year /Belgium)  
Category: Construction toys  
Construction set: PROFI da Vinci Machines

### **2007**

Prize: Nominated for “TOP 10 toys”  
Category: Kids  
Construction set: ADVANCED Ships+More

## History

### *Building blocks for life – a success story: fischertechnik for almost 50 years*

Our building block system satisfies many educational requirements on its own – without any additional aids or special instructions. fischertechnik teaches basic technical understanding and develops:

- eye/hand coordination
- coarse and fine motor skills
- spatial imagination capabilities
- fantasy and creativity
- logical thinking capacity
- basic understanding of technology

fischertechnik is an educational toy “Made in Germany” produced in Waldachtal in the Black Forest. All construction sets can be ideally combined with one another. The high acceptance by parents, teachers and engineers has made fischertechnik one of the most successful educational aids in schools and universities.

The basis of the system is a building block which allows attachment and expansion on all six sides with whatever you want: angular blocks, structural parts, numerous electronic components such as sensors and motors. It has even been possible to control the models with a computer for over 25 years. The fischertechnik line consists of approx. 40 construction sets and supplementary sets.

fischertechnik was invented by Professor Artur Fischer and was actually intended as a Christmas present for his children and business partners. fischertechnik experienced its official Premiere on the second public German television channel during the 1965 Christmas season: The inventor donated the first 1,000 construction sets to a charity called "Aktion Sorgenkind" ("Campaign for children with problems").

In the following spring, fischertechnik was presented to toy stores – beginning the success story of one of today’s most unique construction set systems. For this success it was distinguished as "Best toy 1966", in 1970 it received the "Oscar du Jouet" in France and was selected as "Game of the year 1976" in Holland. In 2010, fischertechnik construction sets were nominated for the “Golden rocking horse” for the third time in sequence – this is one of the most coveted German consumer prizes.

For some time, fischertechnik construction sets have been sold around the world and their use is not limited to children’s rooms alone. Today, the fischertechnik Fan Club has more than 30,000 members worldwide. fischertechnik is also used for development and simulation at schools, universities and in development offices. Many started their career as an engineer with just such construction sets. Fischertechnik: Building Blocks for Life

*Motic® has been a trusted source for microscope solutions and built its reputation as the designer and manufacturer of OEM-branded microscopes on the market for over two decades.*



Magnify



Measure



Inspect

Engineers and Scientists worldwide have used our high quality microscopy systems for applications in industrial, materials and life science markets across a wide range of industries.

In 1988, founded by Speed Fair Co. Ltd and headquartered in Hong Kong.

In early 1990s, Motic began to develop and manufacture advanced microscopy solutions.

In 1996, Motic established its first manufacturing plants in Xiamen, China. Motic Xiamen also consist of an established center housing over 100 professional engineers and technicians covering optical, technical, industrial, electronics and software designs.

In between 1995 – 1998, Motic Consolidates its presence in Europe by opening sales offices in Wetzlar, Germany and Barcelona, Spain.

In early 1998, Motic began to explore and develop the manufacture of digital microscopy solutions, digital imaging products and application software. Motic also incorporates a software development team in Canada. This successful transition marked a milestone for the company turning Motic into one of the leading brand names in digital microscopy.

In 2001, Motic opened a sale office in Vancouver (Canada) to match its incoming demand in the American market.

In 2002, the birth of Moticam turns Motic into one of the leading brand names of digital microscopy products.

In 2003, Motic enters into the high-end market with its popular AE and BA series of inverted and upright microscopes.

In 2005 - 2006, Motic opened two more manufacturing plants in Chengdu (2005) and Guiyang (2006).

In 2007, Motic has developed software solutions for Networked Digital Microscopy Classrooms.

In 2013, Motic shows it's strength in its 25th birthday by creating new advanced products and introducing Wi-Fi technology.

