



# ENGINEERS CLUB *express*

September, 2004 Dayton, Ohio Engineersclub.org Birthplace of Aviation

Where professionals connect

## TUESDAY LUNCHEON PROGRAMS

Lunch: 11 a.m. - noon  
Program: noon - 1:00 p.m.

**September 7**

*"Flag Etiquette"*

Jim Bollinger, Part Owner  
Flags International, Inc.  
Introduction by Ron Folkerth

**September 14**

*"Vintage Radio"*

Philip J. Harwood, Professor  
Emeritus - UD  
Introduction by Jim Stewart

**September 21**

*"Engineering Education  
Strategies for the 21<sup>st</sup> Century"*

Dr. Joe Saliba, Dean of  
Engineering - UD  
Introduction by Stan Baczak

**September 28**

*"High Technology Kites"*

Mike Kohli, President  
Kohltek, LLC  
Introduction by Bob Stone

**October 5**

*"Progress Through  
Dimensional Measurement"*

John Bosch, Author & Editor  
Coordinate Measuring  
Machines & Systems  
Introduction by Hap Cawood

**October 12**

*"Care Flight Air & Mobile  
Services"*

Liz Denlinger, Care Flight  
Introduction by Kate  
Hagenbuch

**October 19**

*"Computers in Neuroscience"*

Gerald M. Szkotnicki,  
Executive Director  
The Wallace-Kettering  
Neuroscience Institute  
&  
Bilal Ezzeddine, Ph.D.  
Research Associate  
Introduction by Bob Johnson

All members and their guests  
are invited to the programs  
sponsored by the Barn Gang.  
Please call the office at 228-  
2148 to make reservations, or  
come whenever you can.

## Club signs joint-venture innovation agreement to offer high-end problem-solving resources

*"I believe the I-TRIZ methodology will be an inventive driver for Dayton and surrounding states that fits well with area initiatives to increase the entrepreneurial output of the region." - Harry Couch, Engineers Club President*

The Engineers Club's Board of Governors has approved a plan to enter into a joint agreement that would offer members fee-discounted training in a unique problem-solving system that is being used by some of the nation's most recognizable corporations, including GM, Ford and IBM. The resource will also serve Ohio and surrounding states.

**Beginning in October, corporate and individual members of the club will have special opportunities to learn, take advantage of, and become certified in Inventive Problem Solving Techniques**, also known as the I-TRIZ Methodology. (TRIZ is a Russian acronym for the Theory of Inventive Problem Solving.)

**The system includes step-by-step software, training manuals and an extensive knowledge base**, drawn primarily from the world's patent libraries and other sources of technological knowledge, a result of over 50 years of rigorous research and analysis of more than 3 million worldwide patents. It offers a fresh approach to technical and non-technical creativity, resulting in decreased time to market, improved total quality and quantifiably better products.

The Board of Governors on Aug. 20 agreed to enter a joint agreement with Ideation International, Inc. (see [www.ideationtriz.com](http://www.ideationtriz.com)) to form a joint corporation, Innovation Ohio Systems, Incorporated, whose base would be at the club. **This breakthrough opportunity is intended to help the club to build on its visionary history and deliver on one of its missions** -to foster the advancement of business, education, engineering and science and to promote the professional development of its members.

Ideation International, Inc. headquartered in Southfield, Michigan, is dedicated to improving the innovative capabilities of engineers, technologists, and managers through the powerful techniques it has developed over the last 13 years.

**The products and services provided by Innovation Ohio Systems, Inc. (IOSI) are available immediately.** They include books, training, software, and analytical services.

**The first training programs at the Club will commence with an orientation on Thursday, September 30<sup>th</sup>, 2004. A three-day training using the patented I-TRIZ software will be offered on October 1<sup>st</sup> & 2<sup>nd</sup>, and October 8<sup>th</sup>, 2004.** An alternate date is set for October 9<sup>th</sup>, if required. Follow-up training dates will be published on a monthly schedule. **For information regarding the course content, contact Chuck Buchanan at 937-238-3553**

Chuck Buchanan, past Engineers Club president, who recently became certified as an I-TRIZ specialist, has been involved with the Ideation technology and method for the past three years and has utilized the software with his innovation team to solve many inventive problems. A holder of 53 patents and with 20 patents pending, Chuck will oversee the IOSI activities together with his teachers, Ideation I-TRIZ Masters Boris Zlotin and Alla Zusman, and will kick off the initial training set for late September.

### Club notes and updates:

**TOM COUCH**, senior curator of the National Air and Space Museum, will present a program on "Huffman Prairie: The Wright Brothers Flying Field," at the Engineers Club Sept 9 at 7 p.m., free and open to the public. The author of *The Bishop's Boys*, *Wings*, and *Aiming for the Stars* will be signing his books at the Wright-Dunbar Interpretive Center (West Third & South Williams) Saturday, Sept. 11, from 11 to 1.

**FRIDAY NIGHT DINNERS RESUME SEPT. 10.** Please join us; call in your reservation. Happy hour begins Fridays at 5 p.m. Dinner is served 6 to 9 p.m.

**IT'S A GIRL!** Chloe Lynn Kincaid was born Aug. 10 to our Banquet Coordinator, Darbie, and her husband, Mark.

**SMOKING POLICY:** The executive committee has called for "No Smoking" in the building while a committee studies what areas can accommodate smoking with conditions that also please our non-smoking members and guests.

# TUESDAY LUNCHEON PROGRAM REPORT

*Sponsored by the Barn Gang*

By John Bosch

We understand that **Bill Hagenbuch** is considering taking scuba-diving lessons as his daughters are taking him to Tobago in the Caribbean in February 2005. It was fun to see **Jim Appleton**'s pride as he introduced his grandson, Nathaniel Ernstoff, who is pursuing a degree in Mechanical Engineering. Nathaniel and his friend who was with him are engineering students at the University of Cincinnati working at GE-Evendale for the summer.

## **Dayton's remarkable history extends back to native Americans**

We started the month of August with a visit to SunWatch where Bill Eder, Site Interpreter, made a presentation on "*Preserving Native American Heritage.*" With direction from archeologists, the site has been restored to a time when it was occupied by early Americans. Many thanks to **Bob Johnson** for arranging the visit.

## **Character building is a fundamental element for aspiring athletes**

It's not often that one gets the opportunity to hear about managing athletics at a major university. We did just that on August 10 when Ted Kissel, Athletic Director at UD talked about his "*Athletic Program Strategy.*" It was good to learn that his emphasis is on integrity, scholastic achievement, and community support as well as athletic performance **Ron Folkert** made the introduction and arranged for the speaker.

## **Nothing is more rewarding than helping young people during their formative years**

For our August 17<sup>th</sup> luncheon Wendy Ernst, Director of Development for Daybreak gave us a presentation on "*Discovering Daybreak*" which included examples of how individual young persons have been helped when needed. Daybreak works to eliminate the negative influences on teenagers while creating the self-confidence to allow them to fulfill their dreams. **Ann Taylor** made the introduction.

## **Skill and judgment are essential when evaluating DNA evidence**

After hearing much about the value of DNA testing it was good to learn how the process actually works. Dr. Dan Krane, Prof. WSU & Founder of Bioinformatics, Inc. gave us a presentation on "*Evaluating Forensic DNA Evidence*" in which he explained the intricacies of obtaining and preserving DNA samples as well as the process of analysis. **Hap Cawood** made the introduction.

## **Hearing the roar of B-17 engines brings back memories**

Having the Wright "B" Flyer next to the B-17 at Dayton-Wright Brothers Airport provided a visible connection for the contributions to military aviation made by the Wright Brothers. To add to the nostalgia Greg Wartinger had his recently restored WW II Jeep on hand. Some of our members were given rides in the Jeep. Appreciation was expressed to the Commander Aero team for setting up the lunch and providing tours of their facilities

## **September 2004**

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>5</b> CLOSED	<b>6</b> CLOSED FOR LABOR DAY	<b>7</b> Barn Gang Perkins – Bridge Graduation party	<b>8</b> Sertoma Primed Boy Scouts Innova Group i-Zone	<b>9</b> Lincoln Committee Aviation Series: Tom Crouch	<b>10</b> Finance Cttee. Club Dinner DIPLA Lee-Bridge Dayton Rotary Expo	<b>11</b> Closed
<b>12</b> City of Closed	<b>13</b> Membership Cttee Executive Cttee. Mayors & Managers Engineering & Science Fdtn.	<b>14</b> Bldg & Grounds Barn Gang Innova Group Montgomery County Public Works Berry Company	<b>15</b> PriMed Innova Group Boy Scouts Relizon MV Trial Lawyers	<b>16</b> SAE	<b>17</b> Board of Governors Club Dinner Daphne Simms	<b>18</b> Fairview HS Reunion
<b>19</b> CLOSED	<b>20</b>	<b>21</b> Barn Gang Patzner Fund Raiser	<b>22</b> Mayors & Managers Sertoma i-Zone	<b>23</b>	<b>24</b> Dayton Development Coalition	<b>26</b> Turner Wedding
<b>26</b> CLOSED	<b>27</b> RTA	<b>28</b> EC Foundation Dayton Rotary	<b>29</b> Claire Lewis ACEC Barco Simulation	<b>30</b>	<b>OCTOBER 1</b> Club Dinner Alvarene Owens	<b>2</b> Oakwood Class of '69 and '89

**The Engineers Club of Dayton**, 110 East Monument Ave., Dayton, OH 45402 ♦ Phone (937) 228-2148 ♦ Fax (937) 228-4794 ♦ [engineersclub.org](http://engineersclub.org)

**Staff:** General Manager: Carrie Boiteau ♦ Secretary: Brenda McQueen ♦ Executive Chef: Laura Cotton

**Officers** President: Harry Couch ♦ Vice President: Fred Dudding ♦ Secretary: Dick Palmer ♦ Treasurer: Melinda Nutter ♦ Past president: Hap Cawood

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