

# MODAPTS® News

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## MODAPTS® Goes to College

by *George J. Miko*  
*Miko Productivity Group*

Dr. Thomas Armstrong, a professor at the School of Engineering at the University of Michigan-Ann Arbor campus, teaches IOE

predetermined time concepts. This introduction has been followed up by actual field trips which is where he was exposed to actual MODAPTS® applications being implemented at Ford Motor Company and Johnson Controls (JCI).

Presently, MOST has been a part of his classroom teaching coupled with Dr. Terri Lynch-Caris, a professor at Kettering University in Flint, Michigan. However, Dr. Armstrong has quoted that “he is seriously considering dropping MOST due to the fact that MODAPTS® compliments our field trips”. He feels also that one of the impediments to adopting MODAPTS® is the lack of published documentation. In an effort to minimize this gap, Mr. George Miko, a Division Industrial Engineering Supervisor at Ford Motor Company and a MODAPTS® Training Consultant & Instructor, voluntarily conducted MODAPTS® classes at the University of Michigan in the 2006 Spring and Fall semesters.

Mr. Miko intends to expand the students understanding of the implementation of MODAPTS® by including case study projects to be conducted by the students in the 2007 winter semester. Mr. Miko hopes that these case studies might address the need for published documentation for Universities as well as companies adoption of MODAPTS® above all other work standard methods.

463, a class in Measurement and Design of Work. The purpose of this course is to provide his students with basic skills for describing, analyzing and designing jobs. They use the human-machine concept to talk about how people interact with equipment and materials in the workplace.

The basic work methods analysis is described as a tool for identification of value added and not value added work and about evaluation of ergonomic stresses that may adversely affect work quality, work comfort and health. This leads to discussion of ways to measure work times and discussion of time study, standard data and predetermined time systems. Dr. Armstrong first introduces the class to MTM and then follows this with lectures on MOST and MODAPTS®. MTM provides a good basic understanding of the



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# MODAPTS®, MGP Profile and More

*By Phil L. Taylor, Ed.S.  
Certified MODAPTS® Instructor*

The Annual IMA Conference allowed the opportunity to showcase a research based white paper (An Advanced Vocational Application of MODAPTS® – MGP Profile System) on various aspects of MODAPTS®. The primary demonstration was to show the relationship MODAPTS® had with MTM and then how MTM was used to standardize parts of certain vocational instruments. The implications were that MODAPTS® was easier to learn and use than other predetermined time systems and could have the same functional application to vocational tools.

The presentation also introduced a new supplemental instructional book called the Facilitated Guide and Workbook for Predetermined Time Standards. It is used with the MODAPTS® manual to assist CRP staff to learn and assimilate the materials quicker. It has been field tested and rated highly against the standard method of teaching the material used by the control group. The book is an all new format of references, questions, examples, drills and exercises that uses accelerated learning strategies to help the learner grasp the use of MODAPTS®.

The latter part of the presentation

focused on a new application of MODAPTS® called the MGP Profile System. Some of the fundamental relationships between the MODAPTS® elements and muscular/skeletal actions and classifying muscle groups were demonstrated. These connections to all of the moves, gets and puts in MODAPTS® allow for the ability to make precise evaluations of various core motor skills including fine and gross motor skills. The system is already being used in Arkansas to establish baseline performances in those skills and to monitor their progress.

There are more applications of the MGP technology being developed and the need to continue research efforts for MODAPTS® remains important. To draw better vocational applications for both systems a data base of MODAPTS® analyses which can be classified by job type would be beneficial. If you are a certified MODAPTS® practitioner and would be willing to help in this research effort, get free software to conduct your MODAPTS® analyses in exchange for 10 coded analyses to be added to this data base.

If interested email Phil Taylor for details:  
[www.pkhtaylor@suddenlink.net](mailto:www.pkhtaylor@suddenlink.net).

## MODAPTS® News Goes Paperless in 2008

In our continuing attempt to better serve our membership and reduce paper consumption, the next edition of our newsletter, *MODAPTS® News*, will be offered electronically through e-mail. Currently members can access the newsletter electronically through the web site (MODAPTS.org).

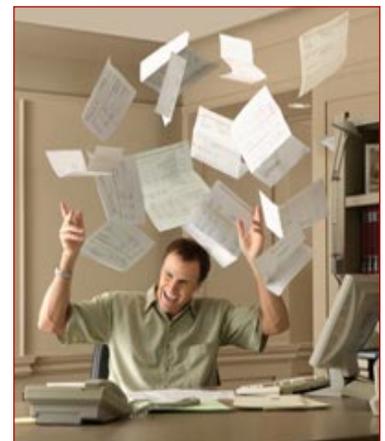
In order to facilitate this e-mail process we need two things from every member:

- 1.) up-to-date e-mail addresses of members who would prefer to receive the newsletter on-line
- 2.) the permission of individual receipts to confirm their willingness to

receive  
e-mails  
from IMA.

If you are  
interested in  
receiving  
your next  
newsletter  
by e-mail,  
please send  
an e-mail to

[ima.modapts@gmail.com](mailto:ima.modapts@gmail.com) with the word  
“newsletter” in the subject line.



# Si, Señor, MODAPTS® Habla Espanol!

by George J. Miko  
Miko Productivity Group

Thanks to the effort of Dave Kunselman and The Productivity Team (IPT), the MODAPTS® manual has been updated and improved from the original.

The result is the new Spanish manual. The original translation was developed by Ford Motor Company back in early 1980. To ensure its accuracy we were fortunate enough to have Liz Berro, a Ford Motor Master Black Belt who is also very fluent in Spanish, review the manual for needed upgrades. Tom Sechrist and his associates are also reading and making recommendations for additional enhancements.

Their efforts were put to the test during November 2006 at the Ford Motor Company assembly plant in Cuautitlan, Mexico. The class consisted of (9) engineers and one union representative from the plant. To further ensure are training success with the revised Spanish manual, I had a translator that I had previously worked with on another Modapts project in Hermosillo, Mexico. His assistance was very important in furthering the accuracy of the manual and our work on the assembly plant floor.

Upon completing the classroom training we then took the class into the assembly plant to further their knowledge in applying MODAPTS® codes to actual operator workloads. Therefore the language barrier is no longer an issue when you apply MODAPTS® to develop work standards—everyone is using a common language to understand work.



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## Upcoming MODAPTS® Training 2007

*Nov. 27-29, 2007*

**Dunton England UK**

Dale G. Perry

Perry Productivity Group

248-330-9538

[dalegerry@ameritech.net](mailto:dalegerry@ameritech.net)

[www.modaptstraining.com](http://www.modaptstraining.com)

***Please contact us to arrange a training session at your location.***

*December 4 - 6, 2007*

**York, Pennsylvania**

George J. Miko

Miko Productivity Group

313-561-0611

[gmiko1@peoplepc.com](mailto:gmiko1@peoplepc.com)

[mikopg.com](http://mikopg.com)

***Please contact us to arrange a training session at your location.***

# Moving the 2008 IMA Annual Conference Slightly South



Plan now for the May event! **Mark your calendar for May 12 - 18, 2008 in Melbourne, Florida.** The annual event will be held at the Crowne Plaza Melbourne Oceanfront Hotel. For those of you that have attend the conference in year's past, this

location is only a little further south of Cocoa Beach (but will still likely have the same birds on their local golf courses as shown in the photo above!)

There are several speakers already preparing to join the event so plan early!

The Pre-Conference Practitioner's training will be held May 12-14, 2007 with additional sessions on those days to include:

- Value Stream Mapping
- Process Writing
- MODAPTS® Refresher Training Program

The Board of Directors meeting is open to all members and will take place on Wednesday, May 14, 2007 followed by the official conference opening and welcome reception for all attendees.

Conference sessions beginning on Thursday morning through Friday will include current issues regarding the U.S. Department of Labor, representatives from Auto-Alliance, Abilities Unlimited, The Productivity Team, Chrysler and more!

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## SAVE THE DATE!

## MAY 12-18, 2008!

### International MODAPTS® Association

If you would like additional copies of the IMA MODAPTS News, or if your address has changed, please contact the IMA at the number below. If you have news you would like to include in the next edition of this newsletter, please forward it to the address below or e-mail [imamodapts@gmail.com](mailto:imamodapts@gmail.com).

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