

From lking@midpac.edu Sun Feb 19 07:21:39 2017
Date: Sun, 19 Feb 2017 07:21:37 -1000
From: Liz King <lking@midpac.edu>
To: Michael Jones <mdj@phys.hawaii.edu>
Subject: Fwd: FOLLOWUP: Active Learning Short Course July 29-31, 2017 Sect

Hi Mike,
Will you please send this out to the membership? Thanks!

Ms King Salz
Mid-Pacific Institute

E K?lia K?kou (Let's strive and aspire together)

Begin forwarded message:

From: David Sokoloff <sokoloff@uoregon.edu>
Subject: FOLLOWUP: Active Learning Short Course July 29-31, 2017 Sect
Date: February 11, 2017 at 12:05:25 PM HST
To: David Sokoloff <sokoloff@uoregon.edu>

Dear AAPT Section Officer:

I am writing to check if you were able to post or e-mail information on our July active learning course to your AAPT section members. (If you have already confirmed this to me, I apologize for this reminder!)

The description is below, and a flier is attached.

Thank you! Best regards, David

Active Learning in Introductory Physics Courses: Research-Based Strategies that Improve Student Learning? July 29-31, 2017, Portland, Oregon

Designed for those who teach introductory physics at universities, colleges and high schools. Graduate credit will be available through the University of Oregon.*

Instructors: Priscilla Laws, Dickinson College, David Sokoloff, University

of Oregon, Ronald Thornton, Tufts University

Participants will be introduced to research-validated, classroom-tested strategies for each component of the introductory course that have been demonstrated to improve learning. These include Interactive Lecture Demonstration (ILDs), RealTime Physics (RTP) labs, Collaborative Problem-Solving Tutorials, Workshop Physics (WP), Physics with Video Analysis (PVA), and related online video analysis exercises. The course will also include the use of video analysis to identify analytic functions describing real data. Among other recent developments are (1) 3rd ed. RTP E & M labs using video analysis, (2) ILDs using clickers, and (3) online homework using Interactive Video Vignettes (IVVs). Topics will be chosen from both semesters of introductory physics. Research on the effectiveness of these strategies will also be discussed.

The tools and software used in these active learning curricula are compatible with Macintosh and Windows OS, and with the popular interfaces and sensors. Participants will receive complimentary printed copies of the curricula (published by Wiley and Vernier, and also available for high school use as the ABP High School E-dition). Teaching Physics with the Physics Suite, a comprehensive book by E.F. Redish (University of Maryland) on strategies for implementing physics education research-based curricula, will also be distributed.

The course fee is \$200. (Early bird registration until April 15 is \$180.)

* Up to three graduate credits from the University of Oregon will be available for an additional \$90/credit.

For more information and to register: <http://pages.uoregon.edu/sokoloff/CHAUT.htm>

[IMAGE]

David Sokoloff

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Way Past President, American Association of Physics Teachers (2011)

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