

Physics, Music Lecture Subject

A university professor from Norway, interested in popularizing physics will lecture on the "Physics of Music" Thursday.

Dr. Helmut Ormestad from the University of Oslo speaks at 8 p.m. in the Biological Science Lecture Room.

Author of such articles as "Sausages, Physics and Potato Salad," Ormestad's research interests include acoustics of buildings, musical instruments, speech and hearing.

Ormestad also will present a technical lecture on "Sound," including descriptions of what man hears and what animals hear. The talk will be at 1 p.m. Thursday in Room 146 of the Physics Building.

FRIDAY

The Data Processing Center is presenting a series of lectures on applications of digital computers in conjunction with the National Science Foundation Institute.

Dr. H. O. Hartley, director of

the graduate Institute of Statistics at A&M will speak Friday at 2 p.m. on the "Design of Experiments" in room 231 of the Chemistry Building.

SATURDAY

Dr. Vivian Stannett of the Camille Dreyfus Laboratory, Durham, N. C., will present a Graduate College Lecture at 10 a.m. Saturday in Room 231, Chemistry Building. He will speak on some aspects of his current research on polymers.

MONDAY

Dr. Mark Zemansky, professor of Physics at The City College of New York in New York City, will speak at 1:15 Monday in room 146 of the Physics Building on "Introduction Courses in Physics." He will speak on "Thermodynamics at Negative Kelvin Temperatures" at 8 p.m. in room 113 of the Biological Science Building.

TUESDAY

Professor Takehiko Shimanouchi, outstanding chemist in Japan, will

Former Student Now Teaches Lab

A lot of physics has been taught by Mrs. Josephine Samuel of Irving since she attended the first summer institute for high school physics teachers at A&M University seven years ago.

She had begun teaching science courses at Irving High School in 1956 after devoting years to her family.

Now Mrs. Samuel is something of a veteran teacher of the "new" or PSSC (Physical Science Study Committee) physics and serves as laboratory instructor for the nine-week summer institute. Associate Professor Nelson M. Duller directs the program in which 30 teachers from four states are participating through July. The National Science Foundation sponsors the institute.

"Mrs. Samuel with her enthusiasm for PSSC physics and experience has made an invaluable contribution," Dr. Duller said.

present a Graduate College Lecture at 4 p.m. Tuesday in Room 231, Chemistry Building.

"Force Constants of Small Molecules" is his subject for the public lecture.

Shimanouchi, who is on the University of Tokyo faculty won the 1964 Prize of the Chemical Society of Japan. He has an international reputation based upon 150 journal articles.

CLEARWATER, Fla. (AP) — John Rowe, 14, won a \$20 bet by completing a 50-mile hike. Asked what he would do with the money, he said he would save it—"I'd like to get a motor scooter."

A modest person, Mrs. Duller quickly grows enthusiastic as she discusses the PSSC physics.

"We attempt to teach," she said, "from the standpoint of an observed phenomenon, frequently an experiment, and then go into theory. This gives students a real insight into how the minds of physicists work. Also, the PSSC approach has a continuity lacking in conventional physics."

The PSSC physics textbook published four years ago and being used in more and more high schools is an outgrowth of discussions begun in 1956 as Americans reacted to the Soviet's Sputnik. Hundreds of physicists and teachers participated in creation of the new approach to teaching high school physics.

"We aren't teaching the physics to the teachers. We give them a chance to go over the textbooks and the experiments," Mrs. Samuel said of the summer institute.

Mrs. Samuel attended a conventional physics institute at A&M in 1957. She majored in bacteriology at the University of Kansas and was not especially knowledgeable in physics. She claims no special knowledge, just "some" knowledge and a great liking for physics and teaching it to high school students.

Simple things such as a brick to represent mass, a small car made of a piece of lumber, roller skate wheels and a doorbell buzzer are used in experiments.

"I think students get a better understanding of physics through the PSSC physics than through the conventional approach," Mrs. Samuel said.

AMONG THE PROFS

Article By Prof, Photo Featured

An article by Assistant Professor of English Sidney S. Cox and a photo of A&M University President Earl Rudder presenting a national award to Exchange Store Manager Carl Birdwell appear in the latest issue of "The College Store Journal." The National Association of College Stores publishes the magazine.

Cox, a veteran English teacher, is author of an article entitled "Professor . . . Give Your Students A Guided Tour of the Bookstore."

"Today a first class bookstore," Cox writes, "is an educational facility that is almost as important as teachers, classrooms, laboratories, libraries and a University Press, for in conjunction with the paperback book industry the campus bookstore is providing university students an educational advantage they never have had before."

Birdwell won a \$25 award in a contest sponsored by "The College Store Journal." He is a past president of the National Association of College Stores.

Dr. C. F. Meinecke, assistant professor in the Department of Veterinary Microbiology, will attend the annual American Poultry and Hatchery Federation Convention July 21-24 in Dallas.

The veterinarian will participate in open discussions on poultry diseases and control. He also will consult with Dr. James Williams of the Federal Disease Laboratory at Athens, Ga., on control of Salmonellas in poultry.

Dr. John Q. Anderson, head of the Department of English, is author of "Scholarship in Southwestern Humor—Past and Present," the lead article in the new issue of "Mississippi Quarterly." The article is based upon Ander-

son's paper delivered last October as the main address of the American Studies Association of the Lower Mississippi, southern regional branch of the American Studies Association. He is president of the Texas branch.

The new issue of "Mississippi Quarterly" is devoted to papers presented at the annual meeting.

A&M University will have two speakers at the 40th annual International Shade Tree Conference Aug. 16-21 in Houston.

Professor A. F. DeWerth, head of the Floriculture Section, will talk on planting of trees to suit landscape and environment.

Dr. Robert S. Halliwell, assistant professor in the Department of Plant Sciences, will discuss a widespread tree disease condition known as liveoak decline.

O. J. Anderson of Houston, general chairman, said the conference also will have exhibits of fertilizers, spray materials and equipment.

The meetings will be held in the Shamrock Hilton Hotel.

Dr. T. R. Timm, head of the Department of Agricultural Economics and Sociology, will be a program leader during Southwestern Graduate School of Banking to be held in Dallas.

The school is set for the week of July 27 and is sponsored by Southern Methodist University.

Timm will organize farm credit discussions and supervise farm credit phases of the overall program.

The department head also will consult with bankers, county agents, farm magazine editors and farm radio directors who are interested in Extension Service programs in agricultural economics.

Dr. Ernest E. Angino of the Department of Meteorology and Oceanography has been selected as one of 40 persons to attend a month-long summer institute in isotope technology at Oak Ridge, Tenn.

Angino is an assistant professor of oceanography who has worked in the Antarctic.



Melvin Johnson '64

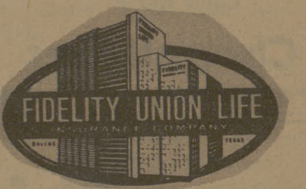


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