

Relativity Theory Easy, According To Henderson

Mathematicians Convene Here For 19th Session

Understanding Einstein's Special Theory of Relativity is really a very simple matter, Dr. Archibald Henderson said here today.

Head of the mathematics department of the University but more widely known as Bernard Shaw's biographer, Dr. Henderson gave a "new interpretation of the Einstein theory" to some 200 southern mathematicians here for the opening of the 19th annual sessions of the Southeastern section of the Mathematical Association of America. He also presided at the banquet session tonight.

Dr. Henderson credited the germ of the new idea to a former student, C. H. Frick of Montana, who attended the Henderson classes in relativity last summer.

Based on Simple Chart

By using his new interpretation of relativity, Dr. Henderson claims, conclusions based on the Einstein theory are reached by "a simple chart which may be readily and quickly drawn by anyone familiar with analytic geometry, thereby obviating the necessity of elaborate mathematical computation called for originally."

To illustrate his point, he stood before a blackboard and drew a number of geometrical diagrams, and, presto! the answer was given in almost no time at all.

"Mathematics and Defense" Discussed

Dr. Forrest Cumming of the University of Georgia, president of the Southeastern section, who spoke at the afternoon session on "Mathematics and Defense," stressed the view that World War II and America's defense program had already revealed an urgent need for "more and better trained mathematicians for military and naval science."

A number of college men entering various branches of the service in recent months have already reported that they are greatly handicapped by lack of sufficient training in mathematics, particularly in geometry and trigonometry, Dr. Cumming said.

Through their various organizations, the mathematicians of the country have set up research groups, educational services, and are contributing in many ways to the nation's defense program, he said.

Eisenhart Speaks at Banquet

Dean L. P. Eisenhart of the graduate school and head of the mathematics department at Princeton university, principal speaker at tonight's banquet, said mathematics "would be more popular with undergraduates if it were made less formal. In too many cases the students are expected to memorize the text rather than work out the problems by reasoning."

Prof. M. A. Hill, of the University here, spoke on the relation of mathematics to the commerce curriculum, and Prof. J. M. Thomas, Duke university, discussed Sturm's Theorem for Multiple Roots.

Prof. N. N. Royall, Winthrop college; Prof. E. S. Kennedy, University of Alabama, and Prof. Abe Gelbart, North Carolina State college, were among other speakers at the afternoon session over which President Cumming presided.

There will be a business meeting and group discussions tomorrow morning, with Dr. J. W. Lasley, Jr., chairman of the local committee on arrangements, and Dr. J. T. C. Wright presiding over the group sessions.

TRACK

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of the Mason Dixon line and east of the Mississippi. Thus, the club that shows up best in the Gainesville event is unquestionably the blue ribbon outfit in this section of the country. Since the advent of the meet it has always been Southern conference members who have paced the competition over the larger and supposedly more potent Southeastern conference. Tar Heels in Relay

Of special interest to Carolinians, will be the Tar Heel showing in the mile and two-mile relay events, where the home club is conceded the best chance of showing up to good advantage. The former composed of Bill Groves, Mike Wise, Roy Cathey and Dave Morrison has already beaten Maryland twice, once in winning the conference indoor event and later in taking second behind Georgetown in the Maryland 5th Regiment games. The latter combine, which includes Morrison, Rich Van Wagoner, Henry Branch and Johnny French has faced no southern competition but managed to take a close third behind Michigan and Fordham in last winter's Millrose games.

Civilization Traced By Lincoln Head Penny

CINCINNATI, Ohio—(ACP)—Dr. Earle E. Eubank, professor and head of the department of sociology, University of Cincinnati, and Prof. Roscoe Ellard of the University of Missouri journalism department, are cited in the current issue of Reader's Digest for their ability to dramatize their teaching.

"At the opening session of Dr. Eubank's class in sociology," the article states, "each member is given a Lincoln penny; then Dr. Eubank writes on the blackboard the date 'A.D. 3000' and says:

"This special meeting of the International Ethnological congress has been called to discuss a great discovery concerning the lost civilization of 1941. A thousand feet below the surface we have found some copper disks, one of which each of you holds in your hand. Using nothing but our knowledge of ancient languages, what can we deduce as to the civilization of that year?"

"The class is then given five minutes to examine the penny and jot down observations. Here are some of the things sharp eyes and minds can find:

1. This is evidently a coin, so the civilization of 1941 surely had a system of finance, business, and exchange.
2. Since copper is used, there was a knowledge of mining.
3. Metallurgy was also known, for the disk has been refined and stamped.
4. A written language existed.
5. Agriculture was practiced and was seemingly important, since they put stalks of wheat on the money.
6. Since they raised wheat, the climate must have been temperate.
7. Art and esthetics were part of their culture, since the coin is designed with an eye to form and beauty.
8. This culture had knowledge of previous cultures because there is a date on the coin—indicating a calendar—and a Latin phrase.
9. The words 'United' and 'States' show that a system of government existed; the word 'Liberty' suggests that it was a government directed by the people.
10. Civilized clothing was worn.
11. They believed in a monotheistic religion.

"Here," comments Reader's Digest, "is a happy marriage, in the so often dry and dusty classroom, of entertainment and information. Here is teaching at its best, using the flame of imagination to weld knowledge to young minds."

TAR-FEATHERS

(Continued from first page)

Seeman, cartoonist. Armstrong, whose home is Asheville, transferred here two years ago. He has contributed poems and features to the infant publication as well as serving on the editorial board.

Seeman, who lives in Durham, has been a consistent cartoon contributor for the last three years, and at present is serving as treasurer of the Publications Union board.

Contributors eligible for Monday night's voting are: Jak Armstrong, Hunt Hobbs, Charles Colby, St. Clair Pugh, G. B. Lamm, Tom Beibigheiser, Barnaby Conrad, Henry Moll, Bill Seeman, Clint Newton, Art Clark, Helen Plyler, Jabie Heyward, Hugh Morton, and Lynn Bernhardt. All have contributed at least two articles to the new magazine.

Should advance predictions prove true, either Seeman or Armstrong will be the first campus-elected editor to the new humor magazine. Witten assumed editorship last November after the Student Legislature abolished the Buccaneer, and created the new magazine in its place. He was appointed by the Publications Union board, has two more issues to complete his term before handing over the reins to the new editor.

PLAYMAKERS

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by Cynthia Hemke; Aaron Grigsby by Morton Flower; Breckenridge by Robert Nachtman; Johnny Applesseed by George Wilson.

The casts for all these productions are members of the company of players who have shown their ability in the experimental production of the plays chosen to be broadcast in the series.

Next week's production is entitled "Cloey" and is an old favorite playmaker play by Loretta Carol Bailey.

The University Round Table will discuss the question "Should American Vessels be Used to Carry Lend-Lease Materials to England Under Convoy of U. S. Navy?" on Monday evening from 7:30 to 8 o'clock over stations WRAL, WFTC, and WGTM.



Peggy Parsley



Mary Jo Frissell



Dolores Cheatham



Jean McKenzie



Becky Davis



Betty Dixon

THESE SIX YOUNG LADIES will serve as sponsors at a dance to be given in honor of its pledges by the Upsilon chapter of Kappa Alpha fraternity in the Carolina inn tonight from 9 until 12 o'clock. Jimmie Fuller and his orchestra will furnish music.

Miss Peggy Parsley of Charlotte, will be the sponsor of Emmett Sebrell, Charlotte, president of the Kappa Alpha fraternity; Miss Mary Jo Frissell, of Burlington, will be with Jim McEwen, Burlington, freshman representative; Miss Dolores Cheatham, Burlington, with Dick Bell, Burlington, sophomore representative; Miss Jean McKenzie, West Palm Beach, Fla., with Steve Piller, Jr., Hempstead, L. I., president of the freshman members of KA; Miss Becky Davis, Salisbury, with John Church, Salisbury, senior representative; and Miss Betty Dixon, Gastonia, with Arthur Dixon, Gastonia, junior representative.

American College Youth Clings to Belief That U.S. Should Not Intervene in War

Increasing Number Favoring Entrance Into War, However

Let's keep out of war! — College youth have demanded this consistently during recent years, and last week those interviewed by Student Opinion Surveys of America in a national sampling again expressed the desire that the United States should keep away from the battlefronts. Nearly six out of every ten of those included in the survey say they do not want the U. S. Navy to intervene if Japan decides to attack British Singapore and the Dutch East Indies.

Although 10 per cent of the nation's students were undecided on this issue, the remainder are divided in this fashion:

U. S. should intervene 41%
U. S. should NOT intervene 59%
Singapore, as one of the largest naval bases in the world, and the Dutch East Indies would be strategically advantageous to Japan's Far East sea operations.

Surveys Particularly Significant
The present survey appears significant in that it shows American youth of college age still cling to the hope of keeping out of war, even on the face of ever-growing aid to England. Last November collegians asserted that averting war was more important even than helping Britain.

The same decision was reached in February, 1940, the Surveys found, and during that same month students opposed compulsory military training. Even back in October, 1939, majorities declared they would not volunteer should the U. S. send troops to help England, and opposed changing the neutrality law to allow any belligerent to buy American supplies.

Despite these efforts of college students to steer clear of any foreign entanglements, a slight majority last month admitted through the Student Opinion Surveys poll, that they felt the United States could not stay out of the European conflict.

LACROSSE

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from the side to Dick Sternberg, standing clear in front of the goal, and Sternberg scored on a lightning backhand shot in 6:26. The fourth period saw both teams somewhat worn down by the fast play of the game, and with the exception of a disputed goal by Harris, which was not allowed until the end of the game, on the recommendation of D'Elia, there was no scoring. Several rough and bruising scrimmages, in which Tony Remy and Don Desich played a prominent part, kept the spectators roaring their approval.

Game Is Rough

The game was a rough one, marked by a total of 15 penalties handed out by the officials, with Carolina penalized nine times. The Tar Heels played the entire game with only two substitutions, while a total of 18 men saw action for the losers.

Send the DAILY TAR HEEL home.

DRAMA FESTIVAL

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high school Dramatic club; "These Doggone Elections," Jasper high school Dramatic club; "A Sunny Morning," Belmont high school Dramatic club; and "The Flattering Word," Whiteville high school Dramatic club.

College Finals Held Wednesday

Final contests in play production of junior and senior colleges will be held Wednesday evening. Competing in the preliminaries for these contests are: Black Mountain college, Appalachian State Teachers college and Lenoir-Rhyne college, in the senior division; and Montreat, Mars Hill, Biltmore, Wingate, St. Mary's and Lees-McRae, in the junior division. The Pierrette Players of Salem college will compete in the finals with the winner of the senior college preliminary.

Costume and make-up contests will be held Thursday morning.

The final contest in writing and production of radio plays will be held from 2 to 3 o'clock Thursday afternoon. Competing plays, to be presented over station WPTF in Raleigh, are: "Man in Motley," by Robert Kohl, to be produced by the Little theater of Needham-Broughton high school, Raleigh; and "We Are the Dead," by Susie Smith Sinclair of Hendersonville, to be produced by the Players' Guild of Asheville.

Two Enter Playwriting Finals

Immediately after the radio contest two plays will be performed in the final contest in playwriting by individual members of the Carolina Dramatic association: "In the Shadow," by Clarence R. Sumner of Asheville, produced by the Plunk School of Creative Arts, and "Bitter Glory," by W. P. Covington, III, produced by the Little theater of Winston-Salem.

In the evening the following plays will be given in the contest in play production of community players: "Polishing Henry," The Spray Community Players, and "Joint Owners in Spain," the Community Playcrafters, Durham.

To be held following this will be the final contest in playwriting by high schools: "Thunderhead," by Mark Reese Sumner, Asheville, produced by the Beaux and Belles, of Lee Edwards high school, Asheville; and "Comin' For to Carry," by Walter Carroll, produced by the Chapel Hill high school Dramatic club.

Senior College Playwriting

Friday afternoon's session will begin with the final contest in playwriting by senior colleges, the competing plays being: "So Proudly We Hail," by Mendez Marks, Black Mountain college, and "The Will of the Lord," by Dwight Gentry, Elon college. Entered in the junior college original play contest are: "Sir Aggressor," by James Dendy, Mars Hill college; and "Adeste Fidelis," by Freddie Ellen Weaver, Biltmore college, Asheville.

The final contest of play production of little theater on Friday evening will present: "Hearts Enduring," the New Bern Little theater, and "Boc-

caccio's Untold Tale." The Players Guild, Asheville.

Concluding the Festival will be the announcement of winners by Frederick H. Koch, founder and director of the Carolina Playmakers, and the presentation of awards by Dr. Robert B. House, dean of administration of the University.

New York university has received a \$50,000 gift from Bernard Baruch for establishment of a professorship in therapeutics.

Marshall Teaches First Aid Course To Students Here

Dr. Otis Marshall of the American Red Cross, who will teach a course in first aid for Carolina students beginning Monday, is trained especially for the job of preparing instructors in first aid.

He entered the services of the Red Cross after withdrawing from private practice of medicine and surgery. His task is to train instructors to teach the fundamentals of emergency treatment of the injured to industrial groups and to classes organized by local Red Cross chapters.

Begins Monday Night

The course begins Monday night at 7 o'clock at Bowman Gray pool and will continue through April 11. Students may still enter the course by signing with Mrs. Woodard this morning in room 310 Woollen gym.

Much of Dr. Marshall's professional life has been devoted to industrial cases, including employment as a surgeon in silk mills and for two railroads for 20 years. In addition to his work in industrial cases, he carried on his private practice.

His medical education was received at the University of Virginia, followed by an internship at Martha Jefferson hospital in Charlottesville and work in the New York Post-Graduate hospital.

Ban on Bare Legs

Banished at Michigan

EAST LANSING, Mich.—(ACP)—A ban which prohibited coeds at Michigan State college from appearing on the campus without stockings no longer is in effect—but before it died, Elizabeth Conrad, dean of women, entered a final opinion on the records.

"Any woman who wishes to cheapen herself and the appearance of this institution by not wearing stockings," Dean Conrad said, "will be permitted to be a cheapening element in the college."

Previous attempt to enforce the ruling, including "late minutes" and disciplinary notes, have been abandoned. Public opinion, it was said, killed the regulation.

Two juniors at Princeton are operating a student radio repair service.

Hear
DONNA DAE
with
FRED WARING
and his Pennsylvanians
in "Pleasure Time"

FOR UNC
MON, TUES, WED,
THURS, FRI.
at 7 P. M.
N. B. C. Stations

IT'S
CHESTERFIELD
WEEK

Hear
RAY EBERLE
with America's No. 1
Dance Band Leader
GLENN MILLER
in "Moonlight Serenade"

FOR UNC
TUES, WED, THURS.
at 10 P. M.
C. B. S. Stations

Chesterfields really Satisfy

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