IFC Christmas party features Santa Claus

From 3:30 p.m. through 5 p.m. today, approximately 200 children from the Adams-McCormick House will be invited to the annual Christmas party, sponsored by the IFC. Last year the IFC held a party for the children of the neighborhood sponsored by the Inter-Fraternity Council and the Adams-McCormick House in the auditorium. John McMinis, the secretary of Santa Claus, also Carl Ruff, what he was for Christmas.

Jean Staken chosen Honor I Queen at annual celebration

Saturday, December 11, the Honor I Dance was held in the Commons Building. The newly formed IIT Dance and Color Guard, Ralph Norris was playing the drums. At about a hundred couples were present together with members of the IFS. The highlight of the dance were Dean Adkins, Dean Brown, Anthony Wunderman, Ed Glancy and Ingrid members of the Honor I. They chose Jean Staken as the queen, Bill Christiansen, a member of the queen with her gift, which consisted of a marked hat, dress and two pairs of shoes. The queen was also chosen Miss Staken, who was accompanied by Miss Staken, who was accompanied by Mr. Christiansen. The dance was attended by Mr. Christiansen and Miss Staken, who was later presented with a blue and white dress with large bows.

Christmas Carolers tour Fraternity Row

Almost any night this week the sound of Christmas carols could be heard around the campus as the fraternities and sororities in addition to the band and glee club supplied Christmas music.

Ike Student Government had just finished the ballroom by having the glee club give a concert on the campus.

Rules for ITSA elections on Jan. 10 and 11 issued

Elections for ITSA class officers will be held on Monday, Tuesday, January 10 and 11 in the executive conference room of the ITSA. Rules are now available in the Dean of Student Services office. The deadline for posting is January 6. There will be no candidates for president, secretary, treasurer or student representative. The election meeting will be held on Tuesday, January 10 in the Student Services office of the AIC. The time will be in the Technology News.

Electing the president begins January 3. There are numerous responsibilities on the part of the candidates. The election meeting will be held on Tuesday, January 10 in the Student Services office of the AIC. The time will be in the Technology News.

ITSA having trouble with T-Ball choice

Ideas for the 1955 Technorama Ball were some of the highlights of the December 13, meeting of the ITSA. The band also acted upon a report of Dean Adkins' feelings on Slipknot and moved to meeting.

The ITSA social committee reported that it had been unable to secure adequate accommodations for the Technorama Dance to be held on Technorama, April 20. The report suggested that it would be helpful to have the dance on the campus during the week of Technorama, Monday afternoons. The committee further stated that it would be possible to reserve a room for the dance, which would be utilized by the committee in the event of the Technorama Dance. The committee further stated that it would be possible to reserve a room for the dance, which would be utilized by the committee in the event of the Technorama Dance.
MERRY CHRISTMAS

and a

HAPPY NEW YEAR

from the Staff

Free World needs good soul-searching to survive

The Christmas season has come again, time for the annual talk on “good will to all men, peace on earth.” But we wonder how many people realize how much peace really hinges on good will to all men. It has been over eight years since this life of purpose called the cold war began. Not war, apparently is only prevented by the balance of power exerted by the two great blocs, Communist and the free world. It is a rare now for each bloc to destroy this balance by peaceful means. If we lose the race, our chance of co-existence with the Communists will become very remote.

But how can the people who hear our propaganda believe us when they see plainly that we do not practice what we preach? We ourselves do not believe in “good will to all men.”

Take a close look at some of the countries that make up our telling team, the “free” world. They include Nicaragua, China, Russia, Argentina, Yugoslavia, and Egypt, all of which are dictatorships. They include South Korea also, where Syngman Rhee just recently had himself made president for life, and the Union of South Africa which rigidly enforces racial segregation. In these countries good will toward friends of the government is the only rule followed.

The United States itself is no great believer in good will to all men. We just got around to making official that Negroes may attend any public school. 89 years after they were freed from slavery. Our great South still is not convinced. To win the cold war we must show the world that we really do believe in good will to all men as we say we do.

Our government must stimulate a stronger belief in our principles amongst the other countries of the free world bloc. This will require the ability to smooth diplomacy and subtle pressure.

In our own country a swell in public pressure is needed to demand justice. Talk of “good will to all men” must last between Christmas so that we may have it “every day on earth.”

Letter to the editor

Techawk thinks football hopes far-fetched dream

To Mr. Crandall,

Let’s get the facts! Your article on intercollegiate football shows a very unrealistic approach to the situation. There are only a few reasons why football would stop at Tech.

Practicing time is at a premium. I cite our basketball team as an example, it is a rare night that there are ten men on the floor for scrimmage by 3 p.m. And you know 22 players could do it.

The idea of a part time coach is an “unwieldy faculty member” to compensate a party.

The movement would be a rather sizable item, running to almost $300 per man. Use simple arithmetic to figure out the total cost of putting a team on the field.

As for the 30 football heroes you mentioned, I’ll bet a few of them have competed in varsity sports at Tech.

Raising school spirit is a great thing, but lets give our support to the teams we have instead of dreaming about something over our head.

Gene Claus

Letters to the editor

Martin again...

With regards to my letter in last week’s issue of Technology News, several of the organizations consider my letter slanderous. It was not meant to be. The purpose of that letter was to caution, no slander.

There were four groups on that list who should not have been there: APO, Chi Sigma Omicron, Phi Lambda Upsilon and Pi Tau Sigma. To these groups I give my deepest apologies.

As for the other groups, I found that many were under the impression that they had paid for the 34 Integral when in reality they had paid for the 33 Integral. The bills sent in June were for the 33 Integral not the 34. Any money paid at that time was put into the 33 book account. Thus I say these groups still owe for the 34 books. I hope this has cleared up any misunderstandings.

Sincerely,

R. J. Martin

as I see IT

It certainly is apparent that the Christmas season is upon us, what with all the various Christmas parties, card mailing and the like... On New Year’s Eve from 8:30 to 11:30 the Techoramas will be presenting a show in the Student Union.

Speaking of shows, the Tech Band is furnishing entertainment for Tech Day, December 21, and also for the Christmas联欢会 on December 23. The Tech Band is going to be furnishing all entertainment for all football games also.

Corduroy
ARF metallurgist develops new titanium casting process

The metallurgical research department of Armour Research Foundation has initiated production of the first successful centrifugal casting of titanium.

Pouring of the first round was completed at ARF under the sponsorship of the Wisconsin Centrifugal Foundry, Inc., Wausau, Wisconsin. A number of castings, weighing from 2 to 3 pounds, have been produced.

Melting the pure titanium by the new method prevents contamination from furnace and mold materials, according to Jack W. Giddens, ARF research metallurgist, and Donald H. Turner, assistant metallurgist, who developed the process. Giddens also pointed out that castings of titanium will have a high resistance to certain types of corrosion.

"This development," he stated, "is a new field in the use of titanium castings. These castings can be used as sealing rings, bushings, and fittings in areas where normal corrosion is a major problem. Centrifugal castings of titanium have the advantage of high strength to weight ratio. Giddens also pointed out that one of the principal stumbling blocks in making parts using titanium has been the difficulty encountered in melting and pouring the metal to produce enough castings, he stated.

He explained that liquid titanium will attack almost any other material, with the result that the castings will have a rough surface and contain impurities from the materials these parts were made from. Details of the process through which a solution to this problem was reached have not been released by the company.

New filter cigarette brings flavor back to filter smoking!

WINSTON

Winston tastes good—like a cigarette should!

Now there’s a filter smoke college men and women can really enjoy! It’s Winston, the new, king-size filter cigarette with real flavor-full, rich, tobacco flavor.

You’re bound to enjoy Winston’s rich flavor. And you’re sure to appreciate Winston’s finer filter. This exclusive filter is unique, different, truly superior! It works so effectively—yet doesn’t “thin” the taste. Winston’s are kingsize for extra filtering action. Easy-drawing, too—there’s no effort to puff!

Try a pack of Winstons—the filter cigarette that brings flavor back to filter smoking!
Beyond this door lies...

By Don Klein

Some people notice a green door with a plaque on it as they walk up the stairs to the second floor of the SU... they notice it, possibly wonder about it, and forget the doors as they pass them by. There is nothing extra spectacular behind the green door... no skeletons, no money, no bar... just a place to store equipment.

It must not be spectacular, but nevertheless, it's very important to the everyday happenings around Tech. The room contains a cabinet and a cabinet amplifier. This still may leave you in the so-called "dark" if you don't happen to know what a cabinet is. Question: What is a cabinet? A cabinet is a device that is applicable in this case: "A set of fixed balls or usually lined to the chromatic scale with a range of at least three octaves."

You should be able to name ten or more of the facts for all of Techmen. A set of your friends to come time and see the different with various pages. At the next stereo they will see a collection of records that are in the cabinets of the stereo. These are the cabinets that are on the stereo.

Attached to the cabinets are speakers that run from 30 watt amplifiers. The cabinets are connected to three speakers in each tower. At an integral part of the cabinet system is a number of relay that in the cabinets are on a keyboard style. This is a modern cabinet. The cabinets are connected to the stereo. The stereo is in the cabinets and are doing it with various pages. The cabinets are on the stereo.

The cabinets are on the stereo. The cabinets are doing it with various pages. The cabinets are on the stereo. The cabinets are doing it with various pages. The cabinets are on the stereo.

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Chapin hosts amazing scientific unearthing
By Yale Kabshin

Late in 1952 a group of investigators headed by Professor Otto Steinkopf at the University of Chicago in Hawaii discovered that by using a simple electrical device, creatures of sufficient intelligence could communicate with each other without the agency of speech. At first this discovery (called the brainiaks after Professor Brainikoff) seemed to be of no practical value to the scientific world, but enthusiasm died down when it was learned that the only animals of high enough intelligence to make use of this device were human beings, who could already communicate pretty well by means of speech.

Still, the brainiaks were an interesting development and scientists all over the world began working with the experiment. The scientists who were interested in the project had continued setting up the equipment about two weeks ago and, until recently, had been carrying out preliminary tests.

Wednesday morning, when the group of investigators were at the basement of Chapel Hill where the experiments were working, Jack Armstrong found a rat hilariously beaked in the mass of wires which composed a large part of the brainiak.

Armstrong reached into the writing to help free the rat, but accidentally knocked the wire, set off a sensation, and was investigated as if it were the rat that was talking to him! An amusing side consequence was the emotional effect this incident had on the dotting.

The first words that Armstrong heard from the rat were: "Get me away from here!" Armstrong did not want to be investigated, but the scientific curiosity was not to be denied.

By three o'clock that afternoon, Armstrong had made a deal with Armstrong. He was promised, back to the basement, for interviews. Armstrong accepted, with a promise to meet him at a dot, in the Dotting.

The rat, whose name is Kirby, is known as "Out of the Blue.""

AFROTC to hold "Out of the Blue" in Commons Sat.

"Out of the Blue" will be the theme of the annual Air Force winter dance to be held this Saturday night in the Commons lounge. From 9:30 p.m. and continuing through to the midnight hour, Al Ford and his seven piece orchestra will be on the spot. The guests in a sentimental mood, Ford and his orchestra have played two of the previous Tech dance.

Among the guests of honor who will be present are President Dr. John Weidman and Mrs. Weidman, Dr. and Mrs. Oseen, Dr. and Mrs. Larkins, Mr. and Mrs. Raymond J. Spacht, vice-president and treasurer of Tech, and staff personnel of the Navy and the Air Forces AFROTC.

The dance is to be semi-formal, and will have the usual holiday spirit. The lounge will be decorated with mistletoe and a Christmas tree. Refreshments will be served during the dance and also during the intermission.

The exciting new idea behind the motoramic Chevrolet

Chapel Services

Reformation Commemoration services will be held at 9 a.m. on Sunday, December 11, in the chapel, Campus Gymnasium, a non-denominational religious service, will be at 4:00 p.m. At 9:30 p.m. on Wednesday, December 14, Christmas Eve, the service will be held in the chapel.

There will be a midnight Christmas service at 11:30 p.m. on Sunday, December 11, at Trinity Episcopal church, Town-Garden and Michigan boulevard. The service will be attended by Father Ever C. Lawrence.

The Del Air 2-door Sedan—economy on a large body, built in three new colors

Maybe once in a car-buying lifetime, you come across something that breaks all the old patterns and establishes new ones. This is what kind of car. This is the story of how Chevrolet and General Motors shaped a new idea in steel.

Line most good ideas, this one is a pretty simple. Chevrolet and General Motors are out to build the first low-priced car that would:

- bring you the most efforts and fast acceleration you could ask for.
- bring you the most modern engine design and engineering features.
- bring you the kind of performance and the kind of ride that have never been available before in a low-priced car.
- bring you the highest quality of manufacture and materials.

All this in Chevrolet's price field! That, after all, is something new! And isn't it logical that only Chevrolet and General Motors have the people, skills, resources and facilities, to carry out this exciting new idea? Is it how this new Chevrolet changes all your ideas about auto?

Real Show-Car Styling!

Your eyes tell you the Motoramic Chevrolet is an eye-catching "paship" job. A bold, richly colored body: soft lines from its disk rear fenders to its wide-open "dazzling-light" windshield ... a non-nesting for weatherproofing. And that windshield doesn't change when you stop inside ... exciting features and lines are harmonized with the whole car. Power Beyond Compare!

You also find the new idea quickly: quick power like a passenger's pace with the new "Turbo-Five" (160 bhp) and new "Blue-Flame" jobs. And speaking of this performance is a 15-mph average speed giving you better mileage, faster starting, greater electrical reserve for any of the power units you might desire. You have a transmission choice of mechanical synchronos and improved, automatic Powerglide (optional at extra cost) or standard shift.

Even Air Conditioning!

And if you desire the convenience of power units (optional at extra cost) you'll find new power-operating and improved power brakes on all models. Power-operated windows and power seat are available on the Bel Air and "Two-Ten" models, while air conditioning may be added on V8 models.

Want's You Try it?

Here, we only tell you have successfully the Motoramic Chevrolet prepares them the new idea behind it. But you can't just quickly show you come to us a demonstration drive, rent you, it's your turn to see.

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Swimmers beat Wilson 55-18 for second win

By Ray Billings

After losing to Wright Junior college by a score of 55 to 18, ITT came back to trounce Wilson Junior college by a score of 57 to 18. These two meets ran the Techs' record this year to 4-1. In the last meet so far this year the swimmers are being paced by Bob McKee, who is undefeated in the 100 and 200 yard freestyle and the 440 yard medley relay in the 11-B. Another Tech who is undefeated in a specialty is John Kroll in the 200 yard backstroke.

Basketball team edged by Concordia squad 83-75

The Techs emphasized in their last two encounters the fact that graduating losses have left them with a gap in the line-up which up till now has not been filled. The team showed definite signs of improvement and although they did not play as well as they had hoped, they did win through three-fourths of the game.

The 10 point lead, which created 46-36, Concordia's favorite was still in tact and took all the way. With 10 minutes gone the score stood Tech 12, Concordia 11, as Tech's improved rebounding became evident. TTU fouled several times, however, and this caused changed hands repeatedly.

At the second half started, TTU moved to a five point lead, which was helped by more solid accuracy at the free throw line. The Cougars' sharp shooting from the line, however, closed the gap and gave the visitors a three basket advantage. The Techs' persistent efforts brought back the score to within one but not regained a small lead.

The lead changed hands until the final six minutes when Tech's defense took over. TTU's credible offensive maneuvering, with three limits remaining in the contest, Concordia pressed all the way. This proved too difficult for the sisters. The game event ended on a 68-57 victory for Concordia.

Wrestlers lose to St. Mary

By Carol Stinson

The Illinois Tech wrestling team lost their fourth meet in a row and face the consolation game at the Chicago Convention Center, 11-12, last Wednesday. The St. Mary's team was a tough opponent, John Henson, in the 145 division, giving ITT its only points in the meet. Ron Pefley came out very close in wrestling for Tech in a dual with UC's that turned out to be an advantage for Tech. The finest time of a group in the competition.

Probably the best explanation for this slow start of the Wisconsin team is that their top men are out on the club circuit. Dick Vehling, Johnnie, and Mike are all out in Illinois. Of course practice is necessary. At ITT it is practiced only twice a week, the swimmers do not practice at all. The Techs have known what competition is.
EPE's top Smashers 23-21, Soph EE's beat COOP's

By Donnie Davis

The second week of JMH basketball saw all remaining games in the league get into full action. The scoring in the 30-20 and 10-10 games was not nearly as high as some predicted, but the games were still competitive.

Last Wednesday's game saw the Tigers win 23-21, defeating the COOP's. The Tigers, led by Junior Gregor,Brush, scored a total of 23 points. The COOP's, led by Junior Mark, scored 21 points. The difference in the score was due to the Tiger's superior defense, which forced the COOP's into several turnovers.

The Tigers were led by 10 points in the game, but the COOP's came back early to cut the lead to five points. However, the Tigers were able to maintain their lead throughout the game, thanks to the strong defense of Junior Gregor,Brush.

On Saturday, the Tigers played against the COOP's again. This time, the Tigers were defeated 22-21. The COOP's, led by Junior Mark, scored 22 points, while the Tigers, led by Junior Gregor,Brush, scored 21 points. The COOP's were able to capitalize on the Tiger's mistakes, which led to their victory.

Fraternity Row

By Gen. Krop

The IF bowling tournament concluded Saturday with the Triangles-Alpha Sigma capturing first place with a total of 125 pins for eight games. The Triangles were led by Senior Mike, who captured the top spot with a 275. The Alpha Sigma's, led by Junior Tom, captured second place with 124 pins. The Triangles were able to maintain their lead throughout the tournament, thanks to the strong performance of Senior Mike.

On Friday night, the Triangles played against the Alpha Sigma's. The Triangles, led by Senior Mike, scored 275 pins, while the Alpha Sigma's, led by Junior Tom, scored 224 pins. The Triangles were able to maintain their lead throughout the game, thanks to the strong performance of Senior Mike.

On Saturday night, the Triangles played against the Alpha Sigma's again. This time, the Triangles were defeated 245-224. The Alpha Sigma's, led by Junior Tom, scored 245 pins, while the Triangles, led by Senior Mike, scored 224 pins. The Alpha Sigma's were able to capitalize on the Triangles' mistakes, which led to their victory.

Quartz Crystals

By Dick Gralow

I've been both surprised and happy to see more members of Tech, along with students and fans, attending basketball games than ever before. This increased attendance can go a long way to produce better student faculty relations.

The recent lack of strength in sports is only a reflection of the school's attitude. It seems as if no one in the upper administration realizes what is really going on at Tech. For instance, our basketball team is one of the best in the country, yet we have no support from the administration.

Basketball coach Ed Glancy has said that one of his major problems this season is getting men out for afternoon practices. This problem would be overcome if special programs could be set up for athletes, providing them with some form of physical and mental training. However, such programs are not available at this time.

The recent lack of strength in sports is only a reflection of the school's attitude. It seems as if no one in the upper administration realizes what is really going on at Tech. For instance, our basketball team is one of the best in the country, yet we have no support from the administration.

Western Electric tackled the job of building smalls, and the skill and precision that had previously called for the most highly skilled operators.

SOLUTION: here is how quartz crystals are made now—by semiskilled labor in a fraction of the time formerly required.

Quartz stones are cut into rectangles on a reciprocating diamond-edged saw. After determination of optical and electrical axes by means of an oil bath and an X-ray machine, hardness accuracy is measured by an orienting fixture.

The quartz stones are cut into rectangles on machines equipped with diamond saws. The human element is eliminated by means of adjustable steps and other semi-automatic features.

The quartz stones are cut into rectangles on a reciprocating diamond-edged saw. After determination of optical and electrical axes by means of an oil bath and an X-ray machine, hardness accuracy is measured by an orienting fixture.
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WITH IDEAS...
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Students versus elevator!
Score: 5 flights to nothing
By Joe Wiltens

"Old Boss" has been out of operation for three weeks now. The maintenance department has proclaimed her to be worn out and unfit for service. It was no longer economical to repair her and she had to be retired from active service.

The path and students equally miss riding her in their early morning classes on the upper floors of the main building. Although she was slow in movement, her efficiency was well appreciated by all—especially at 8 a.m.

If you would stand at the top of the stairs in the morning you might hear any number of comments about the retirement of "Old Boss." Climbing five flights of stairs is excellent exercise. If you have nothing to do but exercise, on the other hand, if you are going to school it's for the birds," said Dick Evans, CE 4.

George Free, IE 9, commented, "Since the elevator has ceased running we EE's have nothing to complain about in lab," but John Ruma, EE 2, replied, "I seldom need it except when I wasn't in a hurry." "Put a new building around the elevator shaft, then put up a new elevator," was the comment of F. A. Graham, FRA.

The path and students of the technical drawing department seem to have the most comments on "Old Boss'" retirement. John Dypson, TD Instructor, said, "The novelty was gone after climbing 5 flights of stairs 6 times a day." Another TD instructor, Ed Mochel, added, "I hope Santa Claus will bring me an elevator for Christmas." A TD major, Martha Wolf, of Sigma Xi, replied, "Climbing the stairs now only breaks your resistance, it also lowers your morale." And a final word comes from the TD department, that of Frank Murawski, that, "This is helpful for the birds—because they can fly."

Most have been received at Mr. Shattuck's office for the construction of a new automatic elevator to replace "Old Boss." But the cost, $2,400 dollars, is nothing compared to its service. The probability of overcrowding the automatic elevator is also likely to keep the present at a standstill. To alleviate this overcrowding, a raise may be paid to limit the use of the elevator to Instructors and upper classrooms.

A Ntim wills thinks that a new elevator will not be installed in the main building for another year. "I know a few which goes (more or less) like this:"

A pencil's fail is never so long, as when things he's decided refuses to go wrong.

In the Stocking under the Tree

The Most Popular
2-Way Cigarette
(Regular & King Size)
for every smoker on your list!

"HOME FOR CHRISTMAS"—Gift package of the season—colorful—attractive—designed by the famous artist, Svan Dehanos. Remember all your smoking friends with the gift that really satisfies—Chesterfield. Best to give—best to smake.

They Satisfy!

CHESTERFIELD for a Happy Holiday.