

# WHARTON OPENS '09 WITH 'LEGALLY BLONDE'

LOWDOWN, PAGE 1B



# The State News

## PUSHING THE LIMITS

Work remains before MSU Physics can begin first-of-its-kind research

By Justin Harris  
THE STATE NEWS

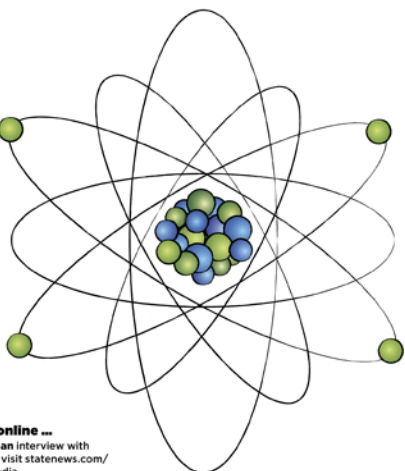
When MSU Cyclotron director Konrad Gelbke was told the university had been selected to be the home of the federally funded Facility for Rare Isotope Beams, or FRIB, he was speechless. Or almost speechless.

"Wow," he told the Department of Energy committee that delivered the good news.

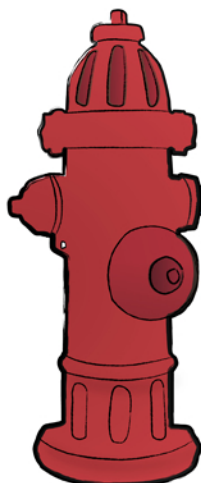
"The only thing that came to my mind was, 'wow,'" Gelbke said. "I was stunned."

Since that moment Dec. 11, Gelbke and the rest of the FRIB team has shifted from competition mode to preparation mode to bring one of the most powerful particle accelerators in the world to East Lansing.

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**More online ...**  
To hear an interview with Gelbke, visit [statensnews.com/multimedia](http://statensnews.com/multimedia)



## Cyclotron vs. FRIB

"It's a very different beast. It's like replacing a garden hose with a 5-meter fire hydrant. In many cases, it's a factor of 1,000 or 100,000 times more potent than what our current machines can do."

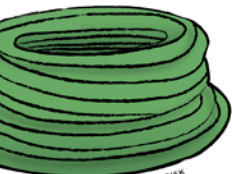
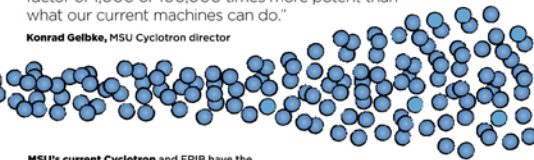
Konrad Gelbke, MSU Cyclotron director

MSU's current Cyclotron and FRIB have the same scientific goal. They both aim to study unique isotopes that exist for less than a second.

However, since FRIB is more powerful than the current machine, many new isotopes will be created and available for research.

FRIB will accelerate stable atoms at high speeds and smash them to create rare isotopes. These isotopes can have implications in medicine, national defense and astronomy.

SOURCE: KONRAD GELBKE, MSU CYCLOTRON DIRECTOR



ILLUSTRATIONS BY CHELSEA MCGORISK

### CONFLICT

## 10-day truce proposed in talks with Hamas, Israel

From wire reports

Cairo, Egypt — Egypt and Hamas are close to a deal for a 10-day cease-fire between Israel and the Palestinian militant group in Gaza, where the death toll from the Israeli offensive exceeded 1,000, officials said Wednesday.

Egyptian and Hamas officials expressed optimism that an agreement for a temporary halt in fighting could be sealed soon and presented to Israel. But even if all sides sign on, further talks will be needed to resolve contentious disputes over policing Gaza's borders and ensure a longer-term truce.

"We're working with Hamas and we're working with the Israeli side. We hope to reach an outcome soon," Egyptian Foreign Ministry spokesman Hosam Zaki told the British Broadcasting Corp.

Nine Israeli human rights groups accused the army of endangering Gazan civilians and called for a war crimes investigation. The groups wrote to Israeli leaders that the Gaza campaign has left civilians with nowhere to flee. Foreign Ministry spokesman Yigal Palmor said Israel supports freedom of expression, even if an opinion "is not based on any solid evidence and even if it is tainted with political bias."

Guerillas in Lebanon sent rockets crashing into northern Israel on Wednesday for the second time in a week, drawing an Israeli artillery barrage and threatening to drag the Jewish state into a second front.

Egyptian and Hamas officials held intensive talks in Cairo. Late Wednesday, Salah al-Bardawil, a Gaza-based Hamas official, stopped short of saying Hamas had accepted the Egyptian proposal. He told reporters that "we submitted our points of view" on the proposed deal, adding, "We hope that this Egyptian effort will succeed."

Ghazi Hamad, another Gaza-based Hamas official, told the

See GAZA on page 2A

### NO CIRCUS FOR BRESLIN

The show won't be on campus for the first time in 16 years, page 3A

### STEVE & BARRY'S HAS REPLACEMENT

Find out what will take its place on Grand River Avenue, page 3A



### Weather

Snow  
High 9° | Low -1°  
Three-day forecast, Page 2A

### MEN'S BASKETBALL

## Spartans sneak by Nittany Lions, extend win streak

By Cash Kruth  
THE STATE NEWS

The lead dwindled from 17, to 10, to four, until the MSU men's basketball team found themselves in familiar territory — another tightly contested game at Penn State's Bryce Jordan Center.

With MSU leading 74-72 with less than 30 seconds remaining in the game, Penn State guard Talor Battle drove to his left from the top of the key.

Senior center Goran Sutton stepped up, reached in and knocked the ball away and sophomore guard Durrell Summers picked up the loose ball and was fouled. Summers calmly made both free throws as the No. 7 Spartans held on

for a 78-73 win and escaped State College, Pa., with their 10th straight win and a still-perfect conference record of 4-0.

Junior forward Raymar Morgan led the Spartans (14-2 overall) with 17 points, while sophomore guard Kalin Lucas finished with 15 points and four assists. Sutton scored 13 points and grabbed 14 rebounds and Summers finished with 10 points.

Forward Jamelle Cornley, who promised the Penn State student section a victory before the game, finished with a game-high 26 points for the Nittany Lions (13-5, 2-3) while Battle had 20 for Penn State, which fought its way back after being down by a game-high 17 points early in

the second half.

A Sutton layup put MSU up 55-38 with 14:21 remaining and the Spartans held on to their comfortable lead for most of the half, leading by as many 12 and 15 to go.

But two successful free throws and a three-pointer by Penn State's Stanley Pringle, followed by a Battle layup made the score 69-66, forcing MSU to take a timeout with 3:33 remaining.

The Spartans came out and missed their next three shots, and a lay-in by Cornley put Penn State within two with about two minutes to go.

Five consecutive makes from the charity stripe by Lucas and two successful free throws for Penn State's Battle kept MSU up by two,

74-72, before Summers picked up the loose ball caused by Sutton's strip.

The Spartans outbounded the Nittany Lions 39-22, 15 of which came on the offensive end. After making four three-pointers in the first half, MSU went 0-of-7 beyond the arc in the second half.

In the opening minutes, the Spartans jumped out to an 8-0 lead before Battle scored eight of Penn State's next 13 points to give the Nittany Lions a 13-12 lead.

A baseline jumper and three-pointer by Summers put the Spartans back on top, and three-pointers by Sutton, sophomore guard Chris Allen and Lucas extended MSU's lead to

See PSU on page 2A

### Game leaders

No. 7 MSU 78, Penn State 73

Scoring — 26 points, Penn State's Jamelle Cornley

Rebounding — 14, MSU senior center Goran Sutton

Assists — Six, MSU senior guard Travis Walton

Other top Penn State performers — Junior forward Raymar Morgan (17 points, five rebounds), sophomore guard Kalin Lucas (15 points, four assists) and sophomore guard Durrell Summers (10 points)

Other top Penn State performers — Talor Battle (20 points, five rebounds, five assists) and Stanley Pringle (eight points)

SOURCE: ESPN.COM