

# Helium: Idea conceived while biking

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cryogenics will help date stars, assist in exact measurements of weather patterns and maybe even update computer codes.

If the outcome of the model is positive, Donnelly said the intention is to establish the National Cryogenics Turbulence Center, a new national laboratory, in Brookhaven, N.Y. Currently, in the basement of Willamette Hall, Donnelly is perfecting his helium flask prototype for what he hopes

will eventually be the real thing. He is looking forward to developing a model ten times as large at the Brookhaven Laboratory.

"We are studying [cryogenics] under conditions never achieved before," Donnelly said. The object for the much-anticipated first experiment, which deals with convection, arrived last week from a company in Colorado.

"We've been waiting a long time," Donnelly said. "This experiment will reach the most in-

tense convection conditions ever achieved on earth by a huge factor."

The goal of the first experiment is to understand some of the mathematical expressions that describe convection.

Donnelly and his team note that this entire project is remarkable. This is one of the only ideas he has had in his career that has produced such immense developments, Donnelly said. "It's incredible."

# Event: Battle of the Bands replaced

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converted into a seasonal headquarters for the celebration and as a retail outlet that will offer merchandise from each of the past celebrations.

This year's theme was introduced as "Three days of timeless fun: celebrating Eugene's past, present, and future." According to DEM, the future of the celebration lies in the beneficiaries such as their year-round program of events, the major civic project of the library, as well as contributing to crisis-assistance programs for youth.

"They've never done anything to give a sense of history of the event," Crory said.

Additionally, DEM is working with business-ori-

ented community service organizations such as the Lion's Club, Rotary, and Kiwanis. More help is welcome, Westrick said.

"We have 1,000 volunteer shifts to fill," he said.

The multiple venues of earlier years will remain with increased security checks on admissions credentials. Crory cited the loose enforcement of admission into stage areas as a problem that would be remedied this year.

Participants won't notice many changes, Celebration officials say.

"It should look very much the same with the exception of the name," Westrick said.

# Ballot measure targets property crimes

By Charles E. Beggs  
The Associated Press

SALEM — Sponsors of a measure to increase penalties for car theft and other property crimes said Monday they have more than enough signatures to force a statewide vote on the issue this fall.

At least 90,000 signatures will be turned in when the proposed initiative is filed Wednesday, said former state Rep. Kevin Mannix and Steve Doell, head of Oregon Crime Victims United.

Mannix sponsored a measure that was passed by voters in 1994 that requires judges to sentence anyone convicted of violent crimes to fixed prison terms with no possibility of parole or proba-

tion. Violent crimes have declined since the 1994 measure passed, he said, but property offenses continue to increase.

The Salem Republican said the new measure is needed because burglars and car thieves now can get probation for first offenses.

The measure would impose 14-month sentences in such cases, with probation permitted only when a judge finds specially mitigating circumstances.

Repeat offenders would face successively longer prison terms, Mannix said, without chance of parole or any other early release.

Gov. John Kitzhaber opposes the measure on the grounds that more needs to be done against crime than just raising penalties

that require more prison space.

Kitzhaber "believes the next dollar we spend on public safety should go to preventing crime especially for juveniles, so perhaps we can prevent property crimes from happening in the first place," said spokesman Bob Applegate.

Mannix said he hadn't yet made a cost estimate of what the property-crimes measure might add to prison expenses. Kitzhaber believes such an expensive measure should go through the Legislature for evaluation, Applegate said.

"The governor doesn't think this is the best way to spend our public safety dollars," Applegate said.

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Friday, July 3rd		Saturday, July 4th	
5:00-6:00	Lu Lu & The Big Boys	3:00-3:40	Stick Ponies
6:30-7:30	Boogie Chillen <i>Blues with an Attitude</i>	3:40-4:10	David Kelly, Juggler
8:00-9:00	Curtis Salgado <i>The Master of Attitude</i>	4:10-5:00	Stick Ponies
9:00-9:30	Fireworks (Dusk)	5:00-5:30	One More Time Marching Band
9:30-10:30	Curtis Salgado	5:30-6:15	The Booher Family
		6:15-6:45	Tuba Association Band
		6:45-7:30	The Booher Family
		8:00-9:00	Coupe DeVille
		9:00-9:45	David Lomond "The Elvis America Show" With Coupe DeVille
		9:45-10:15	Fireworks (Dusk)
		10:15-11:00	Coupe DeVille plays for dance following fireworks

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