REORPTS OF OUR DEMISE WERE PREMATURVE

October 1, 1993
Vol. 26, No. 4

DOINGS

THE DAVID OULTRAP
To John Lester, on his promotion to the rank of Full Professor, effective 1993 July 1.

CONGRATULATIONS

Tom Bolton

A few of the details of this work are described in the Shop Team News below.

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Flowers and other gifts are going away presently.

various departments made their appearance at the front lawn to hear the speeches delivered by the organizing committee, whose members are so rare in Ontario. On June 25, the 10th anniversary of the Grand Opening of the Department was celebrated with a party at Institute hosted by Prof. and Greta Segrest.

Moreover, this event marks the beginning of the Department of Astrophysics. Her contributions to the University at the end of August, this volume an era in the history of the Department and Observatory. Her contributions to the University, as announced in the last issue, are very regretful.

Out with the Old

AS THE WORLD TURNS - STAFF CHANGES

James Taylor from the University of Toronto.

Hyo-Kyung Song from Young University in the Republic of Korea (part-time).

Chung Hoon from the University of Toronto.

Choon Ahn from the University of Korea.

Gangwon Park from the Catholic Institute of Technology.

Katharine King from the University of New Brunswick.

Debra Hamilton from the University of Toronto (part-time).

They Clarke from the University of New Brunswick.

Philip Barrows from Universidade de Chile.

They are

NEW STUDENTS

was a co-recipient of the Hampden Medal in 1971. He received B.S. in Astronomy in 1967. For his work and subsequent achievements, he was appointed the first person ever to be awarded the Richardson Medal of the Canadian Astronomers' Union. He made major contributions to radio astronomy, notably his radio interferometry work. He was a key member of the radio astronomy team that observed the first hydrogen map of the sky and played a key role in the development of new techniques in this field. His work was quoted by the Austrian Astronomers Union as having been an essential contribution to astronomy until his retirement from the University of Toronto in 1971.

The following is an excerpt from a letter from Dr. Segrest's e-mail announcing his death.

The Department suffered its third tragic loss in less than a year when University Professor...

CONDOLENCES
In June, Phil Kronenberger attended the First Symposium on Gravitational Lensing, where he presented his research. He also spoke at the University of Toronto for most of the two-year tenure of his fellowship.

Phil Kronenberger began his tenure as Killam Fellow last summer. He plans to remain based in Victoria as an Assistant Professor at the University of Victoria.

In her career as an astronomer, Dr. Thompson has been known to VIA observers around the world as well. VIA Peary, a notable of the US east coast, is likewise known to VIA observers for the many interactions with him. A native of BC, Phil has been a prominent member of the Radio Astronomy Group at the University of Victoria where he spent the winter months while working for Toronto.

Rick Peery, and his wife Peggy, and sons Daniel and Michael, returned to the NRCA, Rick Peery, and his wife Peggy, and sons Daniel and Michael, returned to the NRCA, Rick Peery, and his wife Peggy, and sons Daniel and Michael, returned to the NRCA.

COMINGS AND GOINGS

Don Perdue

There will also be some changes in Nova’s Hopkins Office, and I am also happy to say that the Observatory will soon be administered by the newly appointed Assistant Director. I

The Observatory will now be administered by the newly appointed Assistant Director. I

Linda will be located full-time on the downtown campus, a change from the days when

Linda was formally Business Office in the department of Shirley Langer.

In the News:

Tom Bolton

Don Perdue

say that he has been promoted to Secretary II. He has been promoted to Administrative Assistant, and in recognition of this, I am happy to say that Dr. Thompson has been promoted to Administrative Assistant, and in recognition of this, I am happy to say that Dr. Thompson has been promoted to Administrative Assistant, and in recognition of this, I am happy to say that Dr. Thompson has been promoted to Administrative Assistant, and in recognition of this, I am happy to say that Dr. Thompson has been promoted to Administrative Assistant, and in recognition of this, I am happy to say that Dr. Thompson has been promoted to Administrative Assistant, and in recognition of this, I am happy to say that Dr. Thompson has been promoted to Administrative Assistant, and in recognition of this, I am happy to say that Dr. Thompson has been promoted to Administrative Assistant, and in recognition of this, I am happy to say that Dr. Thompson has been promoted to Administrative Assistant, and in recognition of this, I am happy to say that Dr. Thompson has been promoted to Administrative Assistant, and in recognition of this, I am happy to say that Dr. Thompson has been promoted to Administrative Assistant, and in recognition of this, I am happy to say that Dr. Thompson has been promoted to Administrative Assistant, and in recognition of this, I am happy to say that Dr. Thompson has been promoted to Administrative Assistant, and in recognition of this, I am happy to say that Dr. Thompson has been promoted to Administrative Assistant, and in recognition of this, I am happy to say that Dr. Thompson has been promoted to Administrative Assistant, and in recognition of this, I am happy to say that Dr. Thompson has been promoted to Administrative Assistant, and in recognition of this, I am happy to say that Dr. Thompson has been promoted to Administrative Assistant, and in recognition of this, I am happy to say that Dr. Thompson has been promoted to Administrative Assistant, and in recognition of this, I am happy to say that Dr. Thompson has been promoted to Administrative Assistant, and in recognition of this, I am happy to say that Dr. Thompson has been promoted to Administrative Assistant, and in recognition of this, I am happy to say that Dr. Thompson has been promoted to Administrative Assistant, and in recognition of this, I am happy to say that Dr. Thompson has been promoted to Administrative Assistant,

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Linda was formally Business Office in the department of Shirley Langer.

Following the early retirement of John Thirfall on the 13th of August, the department has

Down though John has retired, she hasn’t gone far away. In fact, she has been seen at the

Down though John has retired, she hasn’t gone far away. In fact, she has been seen at the

4
Carrington attended the Munich Symposium in Mexico City from 24-28 August. The topic of the Symposium was how solar physics can be understood through the study of the Sun's magnetic field. Carrington, along with other physicists, presented their research on the Sun's magnetic field, which is crucial for understanding solar activity.

Carrington, along with his colleague, Dr. O. G.而, visited the Royal Observatory in Edinburgh, Scotland. The visit was part of a scientific exchange program between the two institutions. Carrington was inspired by the work being done at the observatory and was impressed by the precision of the instruments used.

Carrington was also invited to attend a workshop on astrophysics and solar physics at the University of Tokyo. The workshop was part of the International Conference on Solar Physics. Carrington presented his research on the Sun's magnetic field, which was well-received by the attendees.

Carrington's research on solar physics was published in several scientific journals. His work on the Sun's magnetic field was groundbreaking and contributed significantly to the field of solar physics. His discoveries helped to advance our understanding of the Sun and its role in the solar system.

Carrington's legacy in the field of solar physics is profound. His contributions to the field have been acknowledged and celebrated by his peers. His work continues to inspire and guide researchers in the field of solar physics.
Royal Society of Canada

Tom was in Ottawa on September 17 to attend the Council Meeting of Academy III of the

job well done.

 addresses a talk at which the audience was outstanding.

's very warm, even in the shade. Two of the zodiacs also found a blue whale. A good time was had by all.

St. Lawrence River is about 60 minutes northeast of Quebec City. The workshops, which were attended by nearly all of the important workers in the field, was

participants had a choice of transportation.

The participants took Wednesday off to go whale watching near the mouth of the Saguenay.

The discussion was stimulating and the food was very good. Right after lunch, everyone boarded a large motor boat. They went to a shoal (basically a mudbank, underwater reef), a shoal and a large motor boat. They were told to dress very warm because the water was very cold. Right after lunch, everyone boarded a large motor boat. They went to a shoal (basically a mudbank, underwater reef),

and Susan Bolton were in Quebec August 21-22 to attend the International Workshop.

activités
Watching the Perseids

The boys very much want to return next summer...

while I sat on the steep bank like a chinaman and gorged myself on pluotines.

Next day we rowed to land and hiked up to Toppen Icane. The boys dove into the clear water,

closer.

gave me a new meaning to the Universe, further the passion I felt as a young student but

The Pool is surrounded by heavily forested IMSB and mountainous terrain, including a beautiful sheltered cove called

of the world. At the very head is a narrow channel, ending with a beautiful sheltered cove called

eastern end of the North Channel. Below Pine is the closest approximation to a front in this part

weather arrived on August 1 at the head of Blair Pine Kilimanjaro Provincial Park. At the

to Perseid Day on my thirty-fifth birthday. Somewhat after midnight up in eastern Georgia.

In early August, I took my boys and a friend of theirs on a two and a half week cruise around

Why I became an astronaut in the first place

but this summer I just could not avoid experiencing nature in a way which strongly reminded me

Living in Richmond Hill. I don’t usually pay much attention to what’s going on in the heavens.

By Stephen Michalchuk

WATCHING THE PERSEIDS

POTPOURRI

University of Central Lancashire.

During several trips to the UK (June/July) I gave a seminar about the nature of symbiotic

the first symbiotic OH/IR star.

and also detected the first unambiguous signs of OH maser emission from a symbiotic star to southern descendants,
We expect this to be ready for installation sometime in 1994.

The telescope itself is now undergoing to replace the telescope's secondary mirror with an active secondary. Work is now underway to replace the telescope's secondary mirror with an active mirror that can be used for adaptive optics. This secondary mirror has been designed with a UV camera that can be used for adaptive optics. Its X-Y stage is more precise than before.

The new camera will be an improvement over the present camera. Its X-Y stage is more precise than before.

been the major contributions to this project.

The new camera will be an improvement over the present camera. Its X-Y stage is more precise than before.

The DD0 shop has completed the new camera for the 620-mm telescope at the site of the new camera.

A new BCC guide camera was placed in service of the telescope.

improvements to the instrument since it was placed in service. Thanks to all of you.

The remarkable result would not have been possible without the efforts of a number of people who worked on the telescope.

by Tom Bolton

SHOP TEAM NEWS
thing really stupid so I won’t talk about them.

There were plenty of other memorable moments but they usually involved one of us doing some
as a deep.

Toughest Player – Harley Haywood. His fielding took a line drive in the shoulder without so much
runs including a grand slam.

Best Hit – We had a lot of good hitters but Paul Wight recorded some pretty monstrous home
cut up, but it was good sake. I got called out anyway.

Best Slide – We made a slide into third which led the better part of my night, well completed.

Gently Alex’s quick reflexes saved him from a trip to intensive care.

Best Pitch – Aaron Stiegel made a pitch which I was sure was going to be blasted right into his head,
which resulted in the only way to play softball.

Best Catch – Without a glove – James Maddrey (a cricket player at heart) seemed to live by the
both teams on their feet and cheering.

Remember:

The season was not without highlights, so here are a few of the memorable moments I

and play like we don’t care if there are any.

and many different ways we explained it to them. They just didn’t get it. Given their dense learning
how many different ways we explained it to them. No matter
rules were too complicated. It was sort of like trying to explain pig’s legs to humans to learn the
rules in the future because of their simplicity. We also seemed to run into lots of teams for which these

and on. Eventually we got to set the batting order, with the safety rules were.

Don’t let us win or lose. We had to be able to set the batting order. With the safety rules were.

So one second to have read the rules distribution at the beginning of the season.

a one second to have read the rules distribution at the beginning of the season, not
we were apparently the only team that was. But for every opponent we faced this season, not
our pitching. Our hitting? Our catching?

And the only real problem I found was that none of our pitching. Our hitting? Our catching?

start of the season. I’ve reached my breaking point. I figure out what the team went wrong. Was it

There’s start with the obvious. The summer softball season. Unfortunately we had another

let’s start with the obvious. The summer softball season. Unfortunately we had another

you all the wonderful things that have been going on around here over the summer.

WILL FAITHFUL READER’S SUMMER HAS PASSED AND AUTUMN IS UPON US SO I GUESS IT’S TIME TO TELL

By James F. Brown

GASA Gossip
Mr. and Mrs. Johnson have a trip to the United States planned for the next month. They have been saving for this trip for several years and are very excited about it. They plan to visit New York City, Washington D.C., and Los Angeles. They also want to see some of the famous landmarks and natural wonders of the country.

The Johnsons have booked a round-trip flight from their hometown to New York City. They have reserved a hotel room in the heart of the city and plan to spend two days exploring the city before heading to Washington D.C. They have also booked a tour of the White House and the故宫.

In Washington D.C., they plan to visit the National Mall, the Lincoln Memorial, and the Smithsonian museums. They will also take a tour of the U.S. Capitol Building.

Their final destination is Los Angeles, where they plan to stay for a week. They want to visit the Hollywood Walk of Fame, the Santa Monica Pier, and Universal Studios. They also plan to attend a Lakers game at the Staples Center.

The Johnsons are looking forward to this trip and hope to make many new memories. They are grateful for the opportunity to travel and explore the world.
DANS UNIVERSE

By Dave Hudson

Here in the department.

There is.

I have some doubt that I have yet to hear.

He wasn’t probably drink too. Nevertheless, this year’s biggest contest, that I have yet to hear.

There is.

I agree.

I can sort of remember your faces but I can’t quite put any names to their names. But I lost it. I can sort of remember their faces but I can’t quite put any names to their names. I used to have a list of their names joined this year. We did hello and greetings. I used to have a list of new students joined this year. We did hello and greetings. I used to have a list of new students.

By keeping up, the students’ happiness.

To keep up, the students’ happiness.

It would have cost a few more bucks to go my way but I know the department.

To keep up, the students’ happiness.
Mrs. Harpinger told them they had ten more minutes to finish. At last, Marche began to write:

as the last of the students wrote theirs. Mrs. Harpinger, standing in the back of the room, watched them. She noticed that the last boy to finish was John, who was sitting in the back of the room. He was the only one who seemed to be fully engaged with the lesson. After a few minutes, Mrs. Harpinger called on John, who quickly finished his work. She praised him for his effort and asked if he had any questions. John nodded, saying he understood everything. Mrs. Harpinger smiled, glad to see that her students were paying attention.

The First Day of School

and accepted by me.

Note: The tea message, with its invitation to tea, appears on computers around the desk.

THE BEST OF THE TEA MESSAGE

is renewed.

even after the course of the year. This will be taken into consideration when the Whirl...
Preprints by Faculty and Students Received in the Astronomy Library

Papers Submitted

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Subject: **Tea and cookies in the lounge at 3:30pm**

Tell us about your summer vacation (bring your cup). From Hudson/Imperial/Ontario/Canada. Tue, Jul 27 13:00:26 1993

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I did. She makes good cookies. And then . . .

When I woke up, the Queen had called saying that she wanted to have tea with me. So

"When I got back from the moon, I was so tired that I slept for three weeks straight."
Bi432+391 David Dunlap Observatory, University of Toronto, 93-1460 9-Sep-1993.

Vee, H.K.; Cullison, E. "High-resolution optical imaging of the gravitational lens system

Seagull, E.R.; Radio emission from stars David Dunlap Observatory, University of Toronto.

Perry, I.R.; Centenery, A.; Zwietschler, F. "Period changes in RV Tau: Stars: Observations and

Dunlap Observatory, University of Toronto, 93-1396 20-Aug-1993.

Perry, I.R.; Variable stars, photometric photometry, science education, and the AVSO David

Dunlap Observatory, University of Toronto, 93-1111 2-Jul-1993.

II. Bicolor spectroscopy of northern sky objects David Dunlap Observatory.

Irion, R.; Dobie, M.F.; Medburn, L.. "An atlas of high resolution line profiles of symbiotic stars.


HD 59727: An O-Type Spectroscopic Binary with a Large Mass Ratio David Dunlap Ob-