

From: Joan Wrobel <jwrobel@aoc.nrao.edu>  
To: abridle@polaris.cv.nrao.edu  
Cc: jwrobel@aoc.nrao.edu  
Subject: Re: bw3  
Date: Thu, 17 Jun 93 12:59:28 MDT

Hi, Alan.

Current plans are to head to England about 1 jan, but our departure date is flexible and likely to slip if we're not happy with the vlba's state at that time.

I still plan to visit cv in october, probably for the 2 weeks just prior to Dave H's Jy lecture here on 29oct. If I'm lucky, I may be able to catch both the cv and the soc lectures!

Cheers,  
Joan

From: abridle (Alan Bridle)  
To: Joan Wrobel <jwrobel@aoc.nrao.edu>  
Subject: Re: bw3  
Date: Thu, 17 Jun 1993 15:33:43 -0400

We'll look forward to seeing you in October then if not before. Don't forget, we can offer you a spare bedroom, bathroom and study at our house when you come, so long as you don't mind being out near Ivy and being visited from time to time by two small furry critters.

I was thinking of coming out to NM in the Fall, maybe if bw3 gets reobserved and the correlator's ready etc. by then we could push it through just before or just after your visit to C'ville?

A.

P.S. Have you heard any news of the Alberta election? I'm still in the dark about that, tho I saw part of the PC leadership convention live via CSPAN on Sunday.

From: Joan Wrobel <jwrobel@aoc.nrao.edu>  
To: abridle@polaris.cv.nrao.edu  
Cc: jwrobel@aoc.nrao.edu  
Subject: Re: bw3  
Date: Thu, 17 Jun 93 15:34:49 MDT

Hi,

I've not forgotten your kind accommodation offer. So far I plan to take you up on it. Furry critters are fun visitors.

A fallish bw3 visit by you sounds fine.

From: abridle (Alan Bridle)  
To: Joan Wrobel <jwrobel@aoc.nrao.edu>  
Subject: Re: bw3  
Date: Mon, 21 Jun 1993 13:27:18 -0400

Hi Joan,

Sounds like being behind got us ahead  
of the game! Good.

We'll all be in Canada about the same time,  
we're heading up to Ontario on July 29th.

A.

From: Joan Wrobel <jwrobel@aoc.nrao.edu>  
To: abridle  
Cc: jwrobel@aoc.nrao.edu  
Subject: long ago ...  
Date: Fri, 27 Aug 1993 14:50:36 -0600

Hi, Alan.

I seem to recall that a few years or so ago a student of yours (from UVa?) asked me for references to the positions of 3c270(?). He said he was doing a general comparison of radio-optical positions. Or was I just imagining this?! If not, what came of the study?

The reason that I bring this up is that I think such a study for the wrobel & heeschen nearby elliptical sample could be quite productive, perhaps permitting interesting constraints on 3 models to get off-center radio nuclei that spring to my mind:

- (1) shklovsky rocket due to asymmetric emission
- (2) redmount & rees binary-black hole recoil
- (3) miller & smith nuclear motions about mass centroid

Any radio-optical comparisons will no doubt be limited by the rather large optical errors. Until HST starts doing astrometry properly, I suspect that best comparisons will follow from radio nuclei vs optical galaxy centroids a la dressel & condon (+/-4"). Given such optical errors, it pays to study nearby ellipticals.

Cheers,  
Joan

From: abridle (Alan Bridle)  
To: Joan Wrobel <jwrobel@aoc.nrao.edu>  
Subject: Re: long ago ...  
Date: Mon, 30 Aug 1993 11:52:48 -0400

Hello Joan,

The student wasn't one of mine but was working for Bill Saslaw and Mark Whittle. Basically they tried to go in two steps ... first to get new CCD material for the galaxies from Fan Mountain, second to work with Noel Argue to tie reference star positions from the CCDs to Argue's astrometric plates taken for the purpose.

The last time I talked to Bill about this project, he said that it had gotten into trouble on the tie-in step. The student was only doing a M.Sc. and has since left U.Va. I can't recall what the specific problem with the tie-in step was, except that Bill felt that Noel was unable to sort it out in a reasonable fashion.

He (Noel) has now retired. I'm not sure whether this means he has less time, or more time, for these things.

I agree that's is still an interesting question and have wondered how well, for example, one could do in M87 by lining up all the jet features optically and then looking for an offset between the radio nucleus and the centroid of the nuclear bulge stars.

Cheers, A.

From: Joan Wrobel <jwrobel@aoc.nrao.edu>  
To: abridle@polaris.cv.nrao.edu  
Cc: jwrobel@aoc.nrao.edu  
Subject: Re: long ago ...  
Date: Mon, 30 Aug 1993 10:44:18 -0600

Hi, Alan.

Thanks for the info. Perhaps I'll talk to the uva folks when I visit in october. Your m87 suggestion is a good one; have you posed this question to jbiretta? He could probably provide an answer after a few minutes' work comparing vla & hst images if the datter show the stars. Red would be better than uv for the stars. I don't recall which hst passband john used.

Cheers,  
Joan

From: Joan Wrobel <jwrobel@roc.nrao.edu>  
To: abridle  
Cc: jwrobel@aoc.nrao.edu  
Subject: my cv visit  
Date: Wed, 15 Sep 1993 15:12:18 -0600

Hi, Alan.

I've decided to slide my planned oct cv visit to about 28nov-11dec. Also, I think I would prefer to stay in a hotel in cv, rather than with you and mary. Please don't take this personally! I'd just like to have the freedom of long working hours and short walking commutes. I'm finding it impossible to get any focused time for science recently and I'd like to get as much as possible done during my cv escape. Also, our Jodrell visit will probably slip, so getting in 2 solid science weeks in dec will help my frame of mind a lot.

I will be giving a lunch talk 7dec on "relativistic jets in ugc galaxy nuclei". Hope you can catch it. We should also chat some about m84. I might be able to bring some vlba m84 data with me, but I doubt it will be correlator bug free.

Cheers,  
Joan

From: abridle (Alan Bridle)  
To: Joan Wrobel <jwrobel@aoc.nrao.edu>  
Subject: Re: my cv visit  
Date: Tue, 21 Sep 1993 16:30:03 -0400

Hi, Joan,

Sounds like I'll see you out there before I see you back here in that case. I'm making a trip through Texas and Las Cruces that should have me at the AOC round mid-November.

I can certainly understand why you'll want to optimize for efficiency while you're here. Maybe we can still distract you for a dinner party one weekend?

Cheers, A.

From: Joan Wrobel <jwrobel@aoc.nrao.edu>  
To: abridle@polaris.cv.nrao.edu  
Cc: jwrobel@aoc.nrao.edu  
Subject: Re: my cv visit  
Date: Tue, 21 Sep 1993 16:42:14 -0600

Hi, Alan.

A dinner party break during my cv visit would be wonderful. Craig and I will try to reciprocate during your visit, so please keep us posted about dates.

Cheers,  
Joan

From: Joan Wrobel <jwrobel@jb.man.ac.uk>  
To: abridle@NRAO.EDU  
Subject: jet/cloud simulation paper  
Date: Thu, 12 May 1994 15:24:10 +0100 (BST)

Hi, Alan.

Re SNe in UGC radio galaxies, I've been mulling over jet/cloud collision work. Norman, in the STScI volume on Astrophysical Jets, shows a figure (6) from Norman & Balsara (1993, in Jets in Extragalactic Radio Sources, ed. Meisenheimer & Roeser, in press). The Jodrell Library doesn't have this book. Do you have a copy of the book or the Norman and Balsara preprint? Better still, do you know if this work has been properly published? It didn't appear in apj in 1993.

I'm wondering whether star formation in the struck cloud (a la Minkowski's object object according to van Breugel) can give rise to a star cluster that eventually produces SN Ia's. The trick is to keep the star cluster from wandering too far from the jet deflection site before the Ia's go off. I'm thinking that if the jet accelerates the cloud (see Icke in the beams and jets book), then the gas from which the star cluster forms will have a high outward velocity, and thus so will the stars giving the Ia's. This could prevent the Ia's from wandering away from the jet axis.

Cheers,  
Joan

From: abridle (Alan Bridle)  
To: Joan Wrobel <jwrobel@jb.man.ac.uk>  
Subject: Re: jet/cloud simulation paper  
Date: Thu, 12 May 1994 13:36:37 -0400

Hi Joan,

I've been trying to trace down references from this book on several occasions recently myself (e.g. when finishing up the QSR paper) and have yet to see it. All of my information re pages and content has come from Robert Laing who seems somehow to have one of the few copies on the planet.

Indeed the notion of forming the SNe in a cloud that remembers the jet momentum is attractive.

I don't know of a "real" publication, but I do have Dinshaw's thesis.

A.

From: Joan Wrobel <jwrobel@jb.man.ac.uk>  
To: abridle@NRAO.EDU  
Subject: planet's copy 2  
Date: Fri, 13 May 1994 12:24:17 +0100 (BST)

Hi, Alan.

Paddy has the planet's second copy of the jets book. The ref is

Ro"ser \& Meisenheimer  
Jets in Extragalactic Radio Sources  
Lecture Notes in Physics 421  
Springer-Verlag  
1993

The Norman \& Balsara paper is still pretty brief on the jet/cloud simulation,  
so you might want to keep the Balsara thesis handy.

Cheers,  
Joan

From: Joan Wrobel <jwrobel@jb.man.ac.uk>  
To: abridle@NRAO.EDU  
Subject: misc SN  
Date: Thu, 19 May 1994 12:01:53 +0100 (BST)

Hi, Alan.

Would you mind photocopying the Balsara  
thesis chapter on jet/cloud collisions  
and paper-mailing it to me a Jodrell?  
Standard air mail would be fine.

Also, I have an old version of your  
m84 via a+b+c 6cm image, upon which I plot  
the SN locations. Would you prefer that  
I use your latest image? If so, could you  
put it somewhere so I can ftp it? How  
should your old (or latest) a+b+c image be  
referenced - Bridle, priv. comm.?

Cheers,  
Joan

From: abridle (Alan Bridle)  
To: Joan Wrobel <jwrobel@jb.man.ac.uk>  
Subject: Re: misc SN  
Date: Thu, 19 May 1994 15:57:26 -0400

I've got Dinshaw's chapter and a copy will be in the snail-mail to you a.s.a.p.

I'll put the M84 image on anon-ftp area from polaris and let you know when it's there. It's Bridle & Laing, i.p.p. (in perpetual preparation).

A.

From: abridle (Alan Bridle)  
To: Joan Wrobel <jwrobel@jb.man.ac.uk>  
Subject: Re: misc SN  
Date: Thu, 19 May 1994 17:04:00 -0400

M84C.I is now in the anon-ftp area on polaris.

cd pub

when you get there.

Cheers, A.

From: Joan Wrobel <jwrobel@jb.man.ac.uk>  
To: Alan Bridle <abridle@polaris.cv.nrao.edu>  
Subject: Re: BW 3 = M84 (bw3c)  
Date: Tue, 28 Jun 1994 15:45:32 +0100 (BST)

On Tue, 28 Jun 1994, Alan Bridle wrote:

> One more time .....

Mrk501 took 3 tries on the young vlba,  
despite being a simple mkii project.  
The 3rd time round for m84 might be  
very productive!

>  
> When do you get back? (I hope for your  
> sake it's after the heat wave is over,  
> an all-time temperature record was set  
> in NM yesterday, 119 F).  
>

We leave manchester 31aug. I hope to  
get a vlba dat with bw3c soon after I  
arrive.

119 F! Yikes!

Cheers,  
Joan

From: Joan Wrobel <jwrobel@aac.nrao.edu>  
To: abridle@aac.nrao.edu, jcondon@aac.nrao.edu  
Cc: azensus@aac.nrao.edu, cwalker@aac.nrao.edu, jwrobel@aac.nrao.edu  
Subject: jan96 cv visit  
Date: Thu, 2 Nov 1995 18:25:46 -0700

Hi, Jim and Alan.

I plan to visit cv, arriving 2jan and leaving 31jan.  
I've asked Eileen Latasa to book me into Alden (spelling?)  
House, because of its easy access from nrao.

Jim, I'll probably ship my ac301 paperwork to me at cv  
in care of you, timed to be there when I arrive. I'll  
bring my ac301 tapes with me.

Alan, I'll bring my m84 vlba and vla tapes, too. I hope  
to hold your m84 interest after Robert leaves!

I think I'd like to give one or two lunch talks after mid  
january: certainly one on the Jodrell Bank - VLA Astrometric  
Survey (JdASS) and possibly one on some nifty science  
oops JVAS  
project.

Cheers,  
Joan

From: abridle (Alan Bridle)  
To: Joan Wrobel <jwrobel@aoc.nrao.edu>  
Subject: Re: jan96 cv visit  
Date: Thu, 2 Nov 1995 23:12:55 -0500

Joan Wrobel writes:

> Hi, Jim and Alan.  
>  
> I plan to visit cv, arriving 2jan and leaving 31jan.  
> I've asked Eileen Latasa to book me into Alden (spelling?)  
> House, because of its easy access from nrao.  
>

> Alan, I'll bring my m84 vlba and vla tapes, too. I hope  
> to hold your m84 interest after Robert leaves!  
>

Great! We'll look forward to that very much.

A.

From: Joan Wrobel <jwrobel@aoc.nrao.edu>  
To: jcondon@aoc.nrao.edu  
Cc: abridle@aoc.nrao.edu, jwrobel@aoc.nrao.edu  
Subject: my jan visit  
Date: Tue, 26 Dec 1995 11:42:27 -0700

Hi, Jim.

Season's greetings!

Here is a bit of info about my jan visit to cv.

It seems to me that it might be good to aim for two UGC galaxy papers:  
VLA Imaging of UGC Galaxies at 1" Resolution  
paper I. The 20cm Green Bank Sample - Condon, Machalski & Wrobel  
paper II. The 6cm Green Bank Sample - Wrobel & Condon  
Since much of the 6cm sample overlaps with the 20cm sample, paper I  
will be heavily referenced by paper II. I'd see my contribution to  
paper I as helping you get the tables and figures ready, and then  
making comments on text written by you. I'd be happy to do most of the  
work for paper II, and just ask you to comment on drafts I write.

I'll also work with Alan Bridle on M84. I'll bring both vlba and vla  
(proper motion project) data with me.

I'd like to drop back to giving just a colloquium, say 25jan. Because  
of new developments that intrigue me, I'd prefer to talk on  
"Nonthermal Nuclei as Black Hole Beacons in Nearby Northern Galaxies",  
instead of the JVAS topic.

Finally, a few logistics items.

I just packaged a box to be shipped to you from me. I hope it will  
leave the AOC today. I asked that it be sent UPS (2-5 day delivery).

I arrive in CV on USAIR 3310, 535pm, 2jan. It would be most convenient  
to take a taxi straight to Alden House. (I'm recovering from back  
trouble and I suspect I'd just like to collapse after a full travel  
day.) Could you fax me a map showing where Alden House is? Since it  
will be after hours, how do I get a key to get into the house?

I'd like to have use of a workstation for AIPSing during my visit. It  
need not be an IBM.

Sometime this week, could someone set up a local csh jwrobel account  
for me? I'd use this for mail, emacs, latexing, and AIPS RUNFIL areas,  
plus running the caltech program genplot (which I think only runs on  
suns here, not IBMs). I'd like to be able to ftp files to this account  
on Friday if at all possible. Should I use ".forward" here to reassign  
my AOC mail, or can my mail be redirected for jan96 via the general  
nrao mailing scheme?

That's about all I can think of for now.

Thanks for your help.

Cheers,  
Joan

From: Joan Wrobel <jwrobel@aoc.nrao.edu>  
To: abridle@aoc.nrao.edu  
Cc: jwrobel@aoc.nrao.edu  
Subject: Re: Couple of VLA-in-VLBA questions  
Date: Fri, 14 Jun 1996 11:30:29 -0600 (MDT)

Hi, Alan.

As I've already explained to Rick, the .y file has Tsys's for VLA IFs A, B, C, and D, in that order. These must be "mapped" to the AIPS IFs using INDEX=... in ANTAB. I suspect AC relate to IF1, and BD to IF2 but it depends what Rick asked for at observe time.

The VLA doesn't deliver flags regarding 'telescope in motion', etc. The vla will be your slowest antenna; an easy way to cope with this is to do a priori flagging of the VLBA antennas, then VPLOT all baselines to Y and figure out whether you should QUACK the first n seconds at Y.

Once the VLBA correlator is filling proper TY, GC, and FG tables for the VLA, you won't have to worry about all these finicky bits.

Good luck and cheers,  
Joan