

# Poems

by Ross Street, mostly

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## 1 Ode to Todd

Dec 1995

Myles Tierney had a student  
 He had mentioned once or twice:  
 “The guy works upon coherence,  
 And his stuff is pretty nice.”

Along came Alan McIntosh  
 And, in his Analytic hand,  
 Held a letter from Ol’ Rutgers.  
 ’Twas the CV of Our Man!

“Must be meant for you,” he sneered,  
 On his way to have a beer,  
 “Your lot only drinks wine,  
 And we certainly don’t cohere!”

A proposal was in order,  
 A try was clearly worth,  
 “I’ll put in an application,  
 Get Trimble here on MURF.”

Verily, verily, these words came true,  
 Just like the old sooth-sayer.  
 But came a hitch - we had forgot  
 To account for lovely Andrea.

With a month or two to marry,  
And a few to kiss . . . or more,  
Todd landed in Australia,  
Still prior to '94.

Ringed with mighty fires,  
In our Department Todd could jibe.  
He was COOL with mathematics -  
Even the matrix of L. Tribe.

Now Trimble as a young boy,  
Seeing James Bond do his tricks,  
Oft daydreamed of becoming  
Ac'demic, Level A, Point 6.

Towards this Great Endeavour  
The young man would not slip,  
With brilliant unit variant  
Of Prof Girard's "Long Trip".

To see how this had finished  
What Kelly-Mac L. had begun,  
You had to sit and listen.  
Yet this was too hard for One.

Under Trimble supervision,  
The Cat Seminar did well-ly.  
Beaut coffee, chokky bikkies  
Were even enjoyed by Kelly!

Daydreaming of Point 7,  
Todd studied operad Lie.  
This area of expertise,  
Was really good to see.

"I speak orientals better than  $K_n$ ,  
So could you amplify a bit for me?"  
Was my question he returned to,  
But at the time he said, "We'll see."

Then Todd unfolded his program.  
'Twas a really clever streak,

Use  $K$ s to define precisely  
 $n$ -categories - not strict - true weak!

Joint work with Dom then surfaced  
To determine a parity complex.  
The talks on all this material  
Were hits at Conference Halifax.

With Gordon around as Visitor,  
I said, "How 'bout  $n = 4$ ?"  
Todd worked for a while,  
Then with a wry smile  
Slid details under my door.

The Staff Club knows Dr Trimble,  
Regular at Colloquium Meals,  
Founder of Seminar Luncheon,  
To us all this now sure appeals.

Todd taught 338 this Semester.  
Helped the weak and inspired the bright.  
Categories at Macquarie were boosted,  
Down the tunnel there is a strong light.

But now Todd feels forced to leave us.  
We hope he will keep strong the link,  
Continue the work he has started,  
For future, we wish him the pink.

## 2 Sonnet to Margaret

Jan 1998

'Twas mid '95  
Our problems alive  
Looking for help  
Grant Cairns gave a yelp  
Did Margaret arrive.

New subject for her  
But gave not a stir  
Gray-cats absorbed

Adjuncts on board  
Surfaces occur.

Categorical lunch  
Not just a hunch  
Always short black  
Quick smoke the way back  
With Sydney bunch.

Teaching her share  
Poor students she'd bear  
Good students extend  
Starting new trend  
Never unfair.

Montréal morning  
Take my fair warning  
Short cut watch out  
Via cemetery route  
Lawvere for the storming.

With a young Turk  
Some professional work  
McIntyre–Trimble  
The perfect symbol  
Mid-4-swaps lurk.

Rotman's eloquence  
Long exact sequence  
Kennett, Weber  
Very clever  
Graduate guidance.

Peaceful karma  
Pull of Ghana  
Six year spell  
Macquarie farewell  
Enjoy Africana!

### 3 Sjoerd per Goliard

19 Aug 1998

In Bangor North Wales,  
Where wind fills the sails  
And rattles the pans,  
Shared house with the Crans.

While transporting Quillen,  
Hearing of van Kampen,  
Sjoerd showed skill in  
Omega Gray tensoring.

Soon came to Sydney,  
Less steak and kidney.  
Working with Kelly,  
Still filled the belly.

Then to Macquarie  
To investigate Teisi.  
Why shouldn't composing  
Be dimension increasing?

A fine School citizen,  
Happily joining in.  
Voluntarily marking.  
To students, harking.

Ribbon of Möbius!  
Esther bore Tobias.  
Child of New Holl-and.  
Both children are grand!

Enormous pasting diagrams.  
4-types and hexagrams.  
New central ideas,  
From many, earn cheers.

Postmodern algebra!  
Initiated seminar.  
Nothing ignored-ed -  
All weeks recorded.



Soon off to Montréal,  
We wish the Crans, all  
The best for their stay.  
Keep in touch while away.

## 4 The Mild B-Global Boy

20 Jan 2001

*To the tune of The Wild Colonial Boy (where possible)*

There is a mild Colonial boy, Pad McCrudden is his name.  
Born of Irish bloodline, he caught Toongabbie train.  
He is his parents' only son and of course their pride and joy,  
As he set off to ol' Sydney U, rah rah, hipp hipp, hoy hoy.

He started on his first degree, believe me it was Law,  
But a year of that, he hollered "nuff" because it was a bore.  
Found mathematics was for him, high distinctions did enjoy,  
By third year he had reached the top, this dedicated boy.

In early nineteen ninety five, he found Macquarie U,  
As Vacation Scholar on Quantum Groups, his Co-ACTions grew and grew.  
Off then for Honours at Sydney Maths, a Medal became his toy,  
But back to a Macquarie PhD, this mild Colonial boy.

In these three years we had much fun, Yoneda was the tool.  
To work with wood and bike to work, he was nobody's fool.  
Tannaka theory understood, the 2-cells to deploy.  
Enchanting research all was that, from our young Paddy boy.

Postdoctoral work at old McGill, research papers began to flow.  
Then Marty's school and a timely MURF, meant homeward they would go,  
To Education in Decline — Property Market, Bankers' Joy.  
So that is why they captured him, this Barclays Global boy.

## 5 Cream of Weber

6 Jul 2002

Hist, Hark . . . re Mark  
His gift for Mathematic

Made quite graphic  
Quotient groups a lark

A top Honours Year  
The gang of three  
We lectured with glee  
Their study to steer

Ambitious essay  
Mark undertook  
Could write a book  
But crafted his way . . .

Abstracted a theme  
Maths Miscellany  
Was then tellin' me  
A Grothendesque dream

Sheaves on a site  
All lots of fun  
Maths Honours One  
Many late night

Great day for me  
To continue research  
A categorical lurch  
Enrolled PhD

Exciting stuff  
These higher operads  
Off the launching pads  
Symmetry's tough

Some difficult time  
Assessing directions  
Anxious reflections  
To upshot sublime

Supportive rellies  
Thesis complete  
Graduation seat  
Basil's for bellies

Summer classes  
MATH136  
Mark full of tricks  
Worthy passes

Ottawa now calls  
Excitement awaits  
To make new mates  
In hallowed halls

Best wishes Mark

## 6 Farewell Poem, by Isar Stubbe

5 Feb 2003

It's now already five weeks ago  
That I arrived from European cold  
Sent here by my Supervisor  
'Cause "they know everything", he told.

In my baggage were shorts of course  
Sunglasses and shirts shaped as T  
Running shoes and books to read  
But also cats without identity.

Meanwhile I learned about order ideals  
Fibrations, inverter and invertee  
Toposes, cosmoses and universes,  
But also about the beach and the sea...

It is not always easy though  
To be confronted with so many savants  
But you've always tried to explain to me  
What you've already understood and I haven't.

So next Friday I'm going home again  
And on Saturday in Brussels I'll land  
But I'm sure that when I'll close my eyes  
I'll still see sun, sea and sand.

Oh and about cats missing identities

I realize now that it's safe to say  
that units are not really missing at all  
at least if you change the base.

**7 Grace,  
by Margery Street  
8 Feb 2003**

*For the Wedding Breakfast of Penny and Gavin Street*

The tradition of Grace,  
as I have discovered from speaking to family and friends and clergy people,  
and from searching the Net,  
as one does these days,  
means something different to every person.

To some Grace is a digestive;  
to others, warding off evil spirits,  
to another, safeguarding the food;  
and to others, bringing together our composure.

Before Grace  
I would like to acknowledge the traditional owners of this land,  
the Dharug people,  
and to respect their spirit.

It is humbling to be here and give thanks on behalf of all of us  
to the Supreme Being  
for everything that we enjoy today.

I am proud to speak for all of you in wishing Penny and Gavin  
unlimited love and peace  
in sharing their first meal as a married couple,  
and their lives.

May we all be nourished and renewed  
by the radiance  
of Gavin and Penny's affection.

Thank you.

## 8 Gavin and Penny, like whom are not any!

8 Feb 2003

*For the Wedding of Gavin and Penny*

P

Personality Pair,  
With Pater so Proud,  
Vocal today,  
With happiness loud.

E

Their Energy's massive.  
(Of course, it is solar.)  
Involved in the spectrum,  
Equator to polar.

NN

'Ens and turtles,  
You'll find up the Coast,  
Fine home and garden,  
I'm eager to boast.

Y

Youth they possess and,  
Amidst the clatter,  
Have time to enjoy,  
The things that matter.

G

Too early to mention,  
While you're having fun?  
A Grandfather person,  
I'd like to be one!!

A

Ambulance and fire-ee,  
They don't need oration.  
We all are safer for,  
Penny's vocation.

V

These two have Values,  
Moral and fine.  
To guide them through life,  
There's no better sign.

I  
An Eye is for seeing.  
Both have the vision,  
For seeing and doing . . .  
Completing the mission.

N  
Another 'En  
Became unpenned.  
On that note you'd  
Agree I should end.

## 9 Carolyn and Chris

11 Oct 2003

In Eigh-ty Five  
Good old Mac Q  
Had distance courses  
To offer you.

So if four bonny kinder  
And work weren't enough  
You could do mathematics  
And learn some good stuff.

It's ten times harder  
Than degree done normally  
But today's lovely bride  
Did outstanding performally!

A fortiori  
An Honours Degree.  
First Class of course,  
Well done! Q E D!

Amidst all this flurry

Son Michael emerged.  
Five mothers plus Grans,  
On him all converged.

As one over R squared,  
Like Newton's attraction,  
Through Physics came Chris,  
Moving to action.

With wry kind of humour  
This noble Ki-wi  
A-long-side Carolyn  
Liked much to be.

A team they've become  
With a grandiose goal:  
A numerate Australia;  
Why not World as a whole?

In their equation is FUN,  
Camping as fambley,  
Or the New Year sunrise  
At beach with some bubbley.

Today pledging troths,  
Carolyn and Chris,  
We wish them long life  
Of marital bliss.

**10 Grace,  
by Margery Street**  
1 Nov 2003

*For the Wedding Breakfast of Anna and Arthur Street*

Good Evening

It is a pleasure and privilege to greet you here tonight.  
The atmosphere of this place is very special, symbolically and in fact.  
This public institution is dedicated to collecting, organising, and most  
importantly, making available, the story of this country's past millennia.  
The Library neither falsifies nor destroys the record.

Let me then follow recent custom and acknowledge the spirit of the  
Ancestors of the  
Gadigal clan within the Eora language group, the traditional owners of this  
place.

Tonight is particularly special to us for the celebration of the marriage of  
Anna and Arthur.

Over the last year I have watched their unique spirituality unfolding:  
a questioning, a willingness to listen, and a seeking to understand other  
people's beliefs:

explanations over time and cultures. What a challenge the diversity of  
India must have presented! A descendant of an original inhabitant of -  
somewhere - in Australia, whose mother was also removed from her land,  
told me that despite being a recent arrival to Eora country,  
she could still call on their Ancestral Spirits.

Let's then all focus spiritual energy, love, and thanks toward this first meal  
of Anna and Arthur as a married couple, and to their long life together.

## 11 Arthur and Anna

1 Nov 2003

*For the Wedding of Arthur and Anna*

When a son leaves home  
Then starts to roam  
To study o'erseas  
Learn birds and bees . . .  
Parents will worry  
That in some hot flurry  
Too many descendents  
Will reside at Earth's endents.

How ideal it now seems  
That the girl of his dreams  
Was here to be found  
On parents' home ground.

To make a decision,  
Small one or big-un,  
Our lovers insist:  
You must make a list!

Should two As engage?



Let's draw up our page.  
The PRO side has plenty,  
While CON remains empty.

From walking the Schwarzwald,  
Bi-cycling on asphalt,  
Unstressing with yoga,  
Or wearing a toga,  
No food that's polluted.  
Our couple's well suited.

The precision of Physics  
And molec'lar Biology,  
Is tempered when't mixes  
With social Psychology.

All this in common,  
Still not enough reas'ning,  
A test to perform  
Science method appeasing.

An intrepid tour,  
Other cultures endure.  
Some second thoughts,  
Or love proved pure?

Terrorism, SARS,  
Tummies the blahs,  
Still not enough,  
Passions to snuff.

Erotic statues,  
Of Kajuraho:  
"Marry me, please!"  
"Yes" and so not "no".

Now came the question:  
Where to take vow?  
Scenic bowling club?  
What's sense allow?

My personal memory,

As overwhelmed lad,  
Brought here by Uncle,  
To State Lib'ry pad;

Fairfield Council branches  
My library paradigm.  
Surrounded by knowledge,  
Yet unknowing, in time . . .

By Anna's own choice,  
'Twould be the venue,  
Of a son's life event,  
Wondrous and true.

Advised by his wife,  
Premier, Neville Wran,  
On this Library's extension,  
The construction began.

Within which building,  
This same politician,  
Farewelled our Arthur,  
On Olympiad mission.

Margery meets here,  
Enjoying the scene —  
Fun part of work life,  
Breaks Dee Why routine.

So roll out the banner,  
Says: "Arthur and Anna,  
All married today,  
Our blessings their way."

**12 For Ross,**  
**by Carolyn Kennett**  
14 Jul 2005

*For the celebration of Streetfest*

A poem for the poet

My little attempt  
Our affection to show it  
At this momentous event

Physics his aim at first  
Til maths made him sensible  
The beginnings of a thirst  
Life long, unquenchable

Then off to the states  
More than theorems to find  
True love and joined fates  
Margery, one of a kind

To Macquarie Ross came  
To teach years first to third  
And to become a name  
Of which we all have heard

What do we say of Street?  
When asked to describe  
Real, great, special, sweet  
Red wine he loves to imbibe

And when he wants to rest  
Mandolin in the band  
Aussie bush is best  
Holding Margery's hand

Proud of their progeny  
Sons Arthur and Gavin  
Join Anna and Penny  
Oscar and babe Penny is havin'

Of mathematical genealogy  
Easy to find the facts  
But the most important be  
Our beloved Max

His babes; Shum and Johnson  
Mark Weber and Pa(i)ddy  
And those in gestation

Daniel, Elango and Craigie

Monoidal, twos and bis  
Simplices and trees  
Tensors, braids, Gray's, tris  
Stuff on  $n$ -categories

If I were to make a list  
Of those who share his math  
Just to get a gist  
Would take longer than we hath

I know you join with me  
Wishing him all the best  
On this occasion as we  
CELEBRATE STREETFEST

## 13 Thank You

14 Jan 2006

*For contributors to StreetFest*

While Dominic had mooted  
A scheme along these lines,  
Six colleagues all too true  
Had judged the temporal signs.

RMIT, a meeting,  
On birthday LIX,  
A conference there should be,  
In view of birthday next.

What magic was performed  
By this distinguished six,  
To attract so many guests  
Of such a cultural mix?

Michael B did not foresee  
The work and oft-times pain,  
To produce a great event  
Is not without huge strain.

Amnon's mighty network,

And help from ANU  
Meant ten days of lectures,  
Deep contents with overview.

Department led by William,  
Never waivered with support,  
Beyond the call of duty,  
Much more than really ought.

Steve Lack and our Alexei  
Organized behind scenes.  
Their work still ongoing,  
To produce the Proceedeens.

Letters of invitation,  
Accommodation for the crew,  
Coffee and luscious bikkies,  
Victoria floated through.

And what about the web page,  
The poster and tech. know-how?  
A wizard is our Daniel,  
Please stand and take a bow!

At the Dinner, big surprises:  
Mike Johnson's ice cream speech,  
Signed oriental poster,  
Carolyn's poem a real peach.

To people who attended,  
Especially our Max Kell,  
Who sat afront alertly  
Wise comments oft to tell.

And now where stands the subject?  
Exciting times are here.  
Fest telescoped the future,  
The significance is clear.

Seeing all the applications,  
The beauty and the needs,  
Uniting many topics,

The Fest has sown new seeds.

Our party late is coming,  
Small token of thanks to all.  
To be reason for such an event,  
I find quite un-believe-a-ball.

## 14 Jack Charles Street

18 Feb 2006

*For grandson Jack at his Naming Ceremony*

“J” stands for Jack,  
Our Jewel and our Joy.  
The name is well Judged,  
Just right for this boy.

Adoring family,  
Admiring friends  
Can Advise the young man  
Through life’s many bends.

Cute and so Cuddly,  
Yet Clever and smart.  
He Clears a warm path,  
To Conquer your heart.

Kiss him for luck,  
Our newest King.  
With Key to the future,  
He’ll do his own thing.

## 15 Our October Bird

15 Oct 2006

*Aunty Monica’s auspicious birthday*

Bobolink, bobolink,  
Chimes from Japonica  
This October bird ——  
Our own Aunty Monica.

We're pleased with Jack Howard,  
Who always thought bigg,  
To, after the War,  
Secure her as Quigg.

Independent and strong,  
Yet always apace  
To help family in need,  
Or event to embrace.

When you think p'raps this year,  
All will forget . . . . . errr,  
Birthday card punctual,  
Will make you feel better.

To visit spontaneous,  
Mon's famed hospitality,  
A banquet appears,  
Guests treated as royalty.

Graceful art pieces,  
A home full of beauty,  
From kitchen, to lounge,  
And even the tooty.

Octo . . . Octo-ber bird,  
Dolichonyx oryzivorus,  
Chimes again for us,  
That old Birthday Chorus.

## 16 Chastely Gregarious

19 Nov 2006

*Chas Gregory's 60th birthday party*

Back in old '46,  
Yolande and Gerald  
Some big announcement  
Trumpets to herald.

On the Isle of Grenada

In those Indies West,  
A Charles child was born  
To be one of the best.

Perhaps it was there  
Came his great taste for chicken,  
The native dish “oil-down”,  
From menu worth pickin’.

Government calls and push to move  
As if it has a point to prove.  
Landing next in Uncle Sam:  
Howdy partner, welcome ma’am.

Rancho Palos Verdes  
Not Hotel California  
'Cause they checked out and left  
'Spite what Eagles warn yah.

Bye bye to America;  
Bula to Nandi.  
Beautiful island,  
With school so dandy.

Quite the young man  
By time of Carnarvon,  
Lass across street  
Found Chas very charmon.

Greg’s garden in Sydney  
With orchids so stunning  
Showcased Dad’s talent  
For land matters running.

With culture so horti  
Or could be the genes  
Chas too took to plants  
Knows what Latin means.

Plus entrenchment in Greek  
Work takes over there,  
To sort out their waves



That travel through air.

With interests so wide,  
But always played cool.  
Right there to help  
While others play fool.

In numeri romani,  
An El Exxer of youth.  
Of our sexy-generian,  
I have told only truth.

## 17 A Merry Tussle

15 Jul 2007

*An auto-rhyme that ought to rhyme*

Somewhere it really did happen  
Time arrow sped swiftly away  
I clearly must have tired,  
Midst THIRTY SEVEN YEAR, FIVE DAY.

For now I'm told I'm RE-tired,  
Though it's hard for me to say,  
Since the fun just keeps on rolling,  
As for THIRTY SEVEN YEAR, FIVE DAY.

Macquarie began to employ me,  
Housed floor 6 of E7A.  
When Balaclava met Waterloo,  
Back THIRTY SEVEN YEAR, FIVE DAY.

My Father had furnished Macquarie.  
I suspected I would head its way.  
But Fred Chong made it all happen,  
For THIRTY SEVEN YEAR, FIVE DAY.

My gorgeous wife graced the Mac Library,  
But there only one year could stay,  
Stopped work at the advent of Arthur,  
Nearly THIRTY SEVEN YEAR, FIVE DAY.

Brother became a Mac student,  
I even taught him a bit on the way,  
Wayne did it tough but certainly conquered,  
Over THIRTY SEVEN YEAR, FIVE DAY.

A preoccupation for math'matics,  
What family thinks, hard to say,  
But always you have been supportive,  
Over THIRTY SEVEN YEAR, FIVE DAY.

Despite me our boys have endured,  
And I am very proud of the way,  
They have independently functioned,  
During THIRTY SEVEN YEAR, FIVE DAY.

I've come up with a few little Theorems,  
In these rooms we now party today,  
I plan to continue the research,  
Past THIRTY SEVEN YEAR, FIVE DAY.

Dear colleagues in the Department,  
Around you I still hope to stay,  
Fine cooperative working environment,  
For THIRTY SEVEN YEAR, FIVE DAY.

In mind are many not with us,  
Parents and relatives alway',  
Kelly whose subject absorbed me,  
For THIRTY SEVEN YEAR, FIVE DAY.

With my alma mater U Sydney,  
It is a very great pleasure to say,  
I enjoyed most friendly relations,  
Over THIRTY SEVEN YEAR, FIVE DAY.

Thank you to my research co-workers,  
I still learn from you every day,  
Together we'll write many papers,  
Past THIRTY SEVEN YEAR, FIVE DAY.

Cat visitors at CoACT sojourn,  
Most wonderful people are they,

Their names can be found on our Web page,  
In those THIRTY SEVEN YEAR, FIVE DAY.

Many joys have collated employment,  
With Swim Two Birds mando I'd play,  
At lunchtime and some fun bush dances,  
In the THIRTY SEVEN YEAR, FIVE DAY.

Then also there are my grad students,  
The future they must hold at bay,  
As apprentices for our profession,  
Beyond THIRTY SEVEN YEAR, FIVE DAY.

Our Government now has accepted,  
That our subject is here to stay,  
Mathematics critical f'r all Science,  
Not just THIRTY SEVEN YEAR, FIVE DAY.

There is one thing I hope for retirement,  
Internal voice I long to obey,  
To Grandad our children's children.  
After THIRTY SEVEN YEAR, FIVE DAY.

But I must say that I owe it to Margery.  
With this party she got it her way.  
Her power to manage is marvelous,  
Love for THIRTY SEVEN YEAR, FIVE DAY.

Boomalacca boomalacca bish boom drey,  
CoACT, CoACT, here to stay,  
Boomalacca boomalacca yay yay yay,  
Ten times THIRTY SEVEN YEAR, FIVE DAY.

## 18 Thunderous Dendrotope

24 Nov 2007

Fellow Teuton Walter Tholen,  
Advised at York on Cat,  
To Makkai, post Baez-Dolan,  
Did Thorsten raise his hat.

In hand of Palm these multitopes,  
Trees of Palm became,  
With Hamiltonian chamber graphs,  
Weak higher cats did tame.

Appointed Scott Russell Fellow,  
CoACT the more enriched.  
His calls on speakers to be precise,  
The Seminar en-stitched.

Not eye-to-eye alway saw we,  
On fundamental notions:  
The empty filter, zum Beispiel,  
Could easy cause commotions.

So sad it is to say farewell  
As we wave as Palm doth go.  
To some unsuspecting industry,  
His expertise he'll throw.

## 19 Arrows and Apples

24 Nov 2007

Modular categories, link and skein,  
So Daniel caught a down under plane  
Though Kathryn Hess advised at Lausanne,  
Joined CoACT to study, bike, beach and tan.

Swiss-prompt on arrival,  
Steffen spoke Strine,  
And even our humour,  
Went straight down the line.

Empowering CoACT in so many ways,  
With greatly diverse character traits,  
On language our Max would even defer  
To Daniel's facilit e sup erieur.

Seminars organized so many a year,  
Willingly helping in spirit of cheer,

Department IT, behind the scene,  
Solutions always so swift and clean.

Strove games, after Dolan, strategic take backs,  
Cartesian category, but freeness still lacks.  
Mac yearly awarded West US Coast trip,  
For Apple conference, Macquarie to rep.

Please come back Daniel,  
We hope that you will,  
With your Yank software work,  
You can abide with us still.

## 20 Pastro Cheerio

20 Feb 2008

Craig came to Australia  
To analyze the antipode.  
With eye to a thesis  
Designed arduous work load.

From Calgary Canada,  
And Masters with Cockett,  
Fit well into CoACT,  
A paper in pocket.

In fact loved by all,  
Not just Cat folk,  
Department, Numeracy,  
In one big fell stroke.

Electronic-style things,  
Our man Craig Pastro,  
Calculation with strings,  
Is really the Maestro.

To speak of these matters,  
When it comes to TeX,  
His patient improvements . . .  
Innovative like heck!

Cross this way and that,

These blooming braidings!  
So many choices,  
Swappings and tradings.

CT06 in Nova Scotia,  
Jubilee Meeting here at Mq.  
Keynote addresses to excite ya,  
Frobenius, Hopf, quantum things too.

Who's that a-ringing?  
Craig picks up the phone.  
"It's Brian!", the voice says,  
In a cheerful tone.

He has a suggestion,  
And Craig finds a Proof.  
More ideas follow,  
In their search for Truth.

Fin'ly this month,  
Nice thesis submitted,  
Containing four papers,  
With Theorems it's littered.

With all our best wishes,  
You head to Nanaimo,  
As to your future,  
You now fix your aim-oh!

## 21 Arrivederci Simona

12 Jun 2008

Arrivederci Simona!  
Goodbye, goodbye Si-mone.  
Person with such lovely published papers,  
Theorems to stand all tests and guages,  
Whence she ventured to Macquarie's stages  
Far from home.

Arrivederci Simona,  
It's time for us to part.

Save results to tell on your returning,  
Gladly go from CoACT, teaching, learning,  
Keep your love of CATs alive and burning  
In your heart.

Arriving here from Warwick,  
Eight talks we did enjoy.  
All too soon the visit would be over,  
Lack and she as operads in clover,  
Legacy of joint work us to savour  
And employ.

Shuffling off to Buff'lo  
Cohomol' of triple kind.  
Sought interpretations new in nature,  
Australian Fellowship await, impature,  
End two thousand four: success – elature  
Blow-n mind!

To Land-of-snakes-and-spiders,  
Hello, hello Si-mone.  
Able to withstand the blokey context,  
Taking Tamsamani to the next step,  
Talks delivered with style and greatest pep  
Nicely done.

And then while trav-ling o'seas,  
Joint work, joint work abounds.  
Quillen model structures with Fiore.  
Then Dorette Pronk would add to story,  
A paper to be of power and glory  
So it sounds.

Simona's teaching blossomed,  
Her caring ways saw through.  
But now she's travelling away to Israel,  
Leaving happy thoughts along her high trail,  
To enunciate more theorems of robust scale  
Always true.

Arrivederci Si-mo-na . . .

## 22 Monoidal Moscow Man

13 Jun 2009

Monoidal categories with a twist  
Put Alexei on my Postdoc list.  
A visit here a year before,  
And us to him in Singapore.

The visa problems caused some fun.  
By extortion Oz awarded one.  
In fact it meant that all could come,  
Lovely daughter and his Mum.

Not so long and Aussies all,  
Riding horses strong and tall,  
Surfing wind and scuba diving,  
Travelling 'round, enjoying living.

Culinary skills we gladly mention,  
The fish prepared beyond compr'ension.  
Knowing mushrooms one can eat,  
And making them a Russian treat.

Many ideas still not written:  
Work on Deligne, Drinfeld, Witten.  
Strings for physics just get better,  
Using Davydov and Yetter.

Our colleague Alexei  
For a job has his next-y  
Way south of co-Mexi  
In a venue quite sexy.

Next week our Dr Davydov  
Really will be flying off  
To share with folk in Brazil,  
Universal functorial skill.

We tried quite hard  
To keep him here  
And the Good News is  
He returns end year.



23 Go Bush's Gone with Family,  
by Margery and Ross Street

24 May 2010

*with apologies to Henry Lawson*

Go Bush is gone but not forgot . . .

Our hearts are out of order.

Who will holler "All aboard"

Across the Queensland border?

Who shall tend safarists' needs . . .

Their tents, airbeds and sausage?

Who shall teach the grannies knots:

The Truckies, but not Grannies?

We've seen the showers in torrents fall . . .

And all the tanks run over.

We've seen the grass grow green and tall . . .

In pathways of the drover.

Before the Cane Toads munch too much,

May Ozzies see their country.

Cryptobiotics, natives lush, it all seems elementary.

As our wheels bump along the road . . .

Our minds are also turning . . .

Those thoughtful pearls from Morris-Miles

Placate our knowledge yearning.

But safaris travel on their tumms . . .

Good food is most essential,

And Su's menu of Master Chef . . .

Supplies that most substantial.

We've seen the showers in torrents fall . . .

And all the tanks run over.

We've seen the grass grow green and tall . . .

In pathways of the drover.

Before the Cane Toads munch too much,

May Ozzies see their country.

Cryptobiotics, natives lush, it all seems elementary.

## 24 One Chic Lad

27 Oct 2010

On the eighth of May two thousand four,  
An email arrived and here's the score:  
Dimitri Chikhladze from Tbilisi State  
Kindly enquired how he'd rate  
As a Macquarie Masters candidate.  
Was he early or too late?

The Macquarie process for an iMURS  
Rolled on at length for better, worse,  
Our Chic candidate, always terse,  
Expert on euphemistic verse  
Was provoked to write the outburst:  
"A slightly complicated system".

Language requirements then called TOEFL,  
Research project and lots of waffle,  
Diligently supplied by Mr Chic,  
To each demand, a turned cheek.  
Then on 5 March two thousand six,  
Approval doctoral candidatrix.

Three months later the good news came,  
A research scholarship did Dimitri gain,  
And then the next month confirming bets.  
Appeared "Separable morphisms of simplicial sets".  
Then by my birthday to Sydney he jets,  
Starts on research, accommodation lets.

The change of culture could not have been easy,  
To outward appearance all seemed breezy.  
Amazing adjustment to Ozzie talking.  
His supervisor, watchful, hawking,  
Seams that sometimes needed caulking,  
But at big questions never balking.

For mandatory talks I sometimes worried,  
That his preparation might be too hurried,  
But a charming cool smile dispelled my fear,  
And on the day would Dimitri appear,

To produce a talk, so deep, so clear,  
Worthy of a celebratory beer.

A thesis is always hard won writing,  
The Time God pushing, fighting, fighting.  
Eleventh hour, despite computer glitch,  
Emerged a jewel at examiners to pitch,  
New theorems in thesis well established,  
Quantum modules and embedding enriched.

I regret loosing our Georgian one,  
To return to World now doctorate done.  
But naturally we'll keep in touch,  
As his further research will be much.  
Perhaps sometime here to return,  
What in between he's done we'll learn.

## 25 John Soon Gone

27 Oct 2010

*some apologies to Slim Dusty*

In Ireland's North, tho' I've not been,  
Where all is blended orange-green,  
I can imagine John coolly say:  
"I'm off to Sydney without delay,  
PhD the Holy Grai  
Should have some Fun on the way,  
A scholarship my fees will pay."

Supervisor Lack at UWS  
While John set up in Carslaw,  
It all worked without a mess,  
Wednesday Macquarie he'd head for.

Rapid succession emails came,  
To straighten out some paper's claim,  
Heightened truth then to attain,  
Understanding, the end game.

Codescent for algebra 2-categories,  
Well thought out ingenious strategies.

Occasionally descending down the stairs,  
To puff own rolled where no-one cares.

Now sing “Hi ho, hi ho,  
He’s off to old Brno.”  
For, as Dom would say, it’s Toodlepipski,  
And John will be with Prof. Rosicky.

We love to have a beer with John B.  
We love to have a beer with John.  
We won’t drink before working,  
That is never never ever ever on.  
We drink in town and country  
Where the atmosphere is great  
We love to have a beer with John B.  
’Cause Bourkey’s our mate, . . . yeah.

## 26 Nowy is the Houry

13 Apr 2011

*not to the tune “Farewell of the Maori”*

The year but begun was two thousand two.  
An email to Bon, an enquiry new,  
Passed on to me for some follow through,  
@scatter.com of Portland State U.

For reasons unclear, David’s interest was drawn  
To postgraduate work of categorical form  
And to study in CoACT somewhat reborn  
Back in the days Mac-q had more lawn.

A chance in September, would see to ’t,  
I was to visit the Fields Insti-toot.  
Could meet over dinner, opportunity beaut,  
Discuss strategies for objectives pursuit.

Mark Weber, Margery and yours truly,  
Adjourned to Days Inn with Signor Oury,  
To explain needs of MQHDR fully.  
A Masters degree would clinch funds duly.

Where to obtain such an award?  
Some categorical place was needed.  
McGill's Makkai he tilted toward,  
Who to David's request, happily heeded.

Time ambled along, but Makkai's supervision,  
July Oh-5 wedding, charged Oury batteries.  
Persistence rewarded with Masters ascension:  
"Free Braided Pivotal Cat-egories".

Strong time for CoACT now two thousand seven,  
New country, new colleagues, odd research idea,  
To adapt and accomplish by two thousand eleven,  
With one damn hard problem, challenges: clear.

Each week making known, in neat TeX form,  
To Dominic and me, his latest barrier,  
In understanding the non-simplicial horn,  
Why Theta-sets be Quillen model carrier.

With a paper notched up and thesis submitted,  
To future research/teaching, our lad's committed.  
Back to their homeland David and Jae fly,  
Now is the hour when we must say goodbye.

## 27 Micah the Mighty

4 July 2011

With highly perfect basal cleavage,  
And hexagonal sheet atom formations,  
Micah naturally moved to college  
To sort fibrations and fusion operations.

Whence cometh the h in our own Micah?  
Could indicate the property by where  
He's stable under the highest heat.  
More likely it hints at fine facial hair.

Proud son of Math/Phys at Dalhousie,  
Creamed Cambridge Tripos with Distinction;  
Gathered belongings to head southly,

Bound for CoACT, with spiritual conviction.

Under the caring guidance of Dominic,  
Frequent Seminars revealed quick progress.  
Preservation properties of functors monoid'lic,  
Now paper linked to the Borceux Congrès.

Snaffled by MATH to do much teaching,  
Did it well to staff and students' liking,  
Unhappy are we that Micah's leaving,  
To miss, in research and teaching, his spiking.

That Large Black Notebook of hieroglyphs,  
Developing graphics of intuition and precision,  
Carried *p.p.* to thwart Time's nymphs,  
Successful PhD with no derision.

For now, Anna and Micah will not,  
Grace our activities with vibrant banter,  
But will move ahead to a Canadian spot,  
Some day soon back here to canter.

## 28 Tom, No Piker's Son

26 May 2012

Tom, he is the Bookers' son,  
He roamed the West when he was young;  
A new game he would have to play  
Across Australia, far away.

Tom, Tom, no Piper's son,  
Gained the grades, and away did run  
From the Physics which he could eat,  
Algebra chewier, taught by Street.

Mathematics lecturers of every kind,  
Were delighted his good work to find,  
He made the learning seem like play,  
At Macquarie now, not W.A.

Tom too learn'd another tune,  
Rising Sun's tongue, not the Moon!

His characters just look the part,  
A culture he holds close to heart.

Tom moved to Honours, record strong,  
Liked ideas, Abe Robinson,  
Non-standard reals with topos perspective,  
Lovely reading in Tom-style narrative.

Now PhD-ready candidate Tom,  
Chose to work with Ross and Dom.  
Chuffed we were at this decision,  
Back still in the old ICS Division.

Tom beginning 2008-ive,  
As Seminar organizer super-lative,  
Like “Australia All Over”, people said,  
Looked forward all week till his email read.

Tom, Tom, Categorical son,  
Has many bullet points to his gun.  
Three am phone orders to the US,  
Soon trotting is he, across to METS

To create an item of electronic kind.  
Good teacher too, we did find.  
Taught Margery to deal with her new computer,  
Taught me LaTeX: so my typing is beaüter.

Tinny of Nihonshu, the rice beer,  
Kan o’ saki, don’t want to hear!  
Flocks and herds, a better bet.  
Duoids, Fibonacci, still meant sweat.

Dr Tom, a favourite son,  
Poised now away to run.  
A new game will you have to play  
In Australia, or far away.

## 29 Bula: Let's Hula, by Margery and Ross Street

13 August 2012

*Sue Gregory's 60th birthday on Treasure Island, Fiji*

Magnetic force drawing young and bold  
Extends beyond the two involved  
All friends and families, out of the cold.  
Worlds in new contact, stories told.

Unfolding butterfly from garden deep,  
Bestowing affection by the heap.  
Mysterious woman to us appears.  
Part of our life for ensuing years.

Fairy Queen, known as Lockey,  
Planner Suprema, nothing low key.  
Her parties are the place to be,  
Birthdays and Christmas done to a Tea.

Attuned to the nature and needs of all other,  
Sue is People Person, generic Mother,  
Finding that gift so perfectly right,  
To hit on the head, receiver's delight.

Creating sound base with partner CG,  
Decked with fine photos of art and fam-lee.  
Furnished for comfort, one lovely home.  
Why should the children then want to roam?

Incredible Chef, variety awesome!  
Preparing all dishes, on time to come.  
Both quality, quantity, second to none.  
Guests' satisfaction when meal is done.

Sue loves to travel, inter and intra,  
Islands of Greece, albeit Sri-Lanka.  
Or maybe just Bundi, reason familiar,  
Comes back with tales to really enthrall ya.

All these fine traits that caused Chas to court her,



Sue has superbly infused in her daughter.  
Let me now finish and loudly declare:  
What fine grandchildren now we do share.

### 30 Crème Cara-Camell

14 Nov 2012

June two thousand eight, while at CT away  
In that famous port known as Calais,  
A student of Penon captured my ear,  
Higher notion of cats began I to hear.  
Yes, that's Kachour!

October same year an email appeared,  
Stating clearly that he would be cheered  
To come to Macquarie to do PhD,  
To work with Batanin, also with me.  
Indeed, that's Kachour.

A struggle began, so much bureaucratic,  
The language requirement: do acrobatic!  
Files gone missing, mysterious thing,  
But November 08, application was in.  
But, that's Kachour.

The Empire of TOEFL, raining supreme,  
Money to make from antipodal dream.  
In April 2010, Camell finally arrived,  
Ready for fun with categories derived.  
That is For Sure.

Three lovely children still in Paris to see,  
Joyal in Québec to consult hastily.  
No humor is found in US Immigration,  
"Not Bad Person" to them means the negation.  
That's pure Kachour!

Knows very well how to build, of multiple hue,  
Mighty high operads – more than a few,  
Whose algebras are cells, of sizes all,  
With fractal property, the big is the small.  
That's really Kachour!

There's violet case, where strict governs weak,  
Infinity-enn to climb highest peak.  
All comes together to form the whole thesis,  
With much more to do with left golden pieces.  
That's more Kachour.

Back now to France on Saturn's next wing,  
But this farewell poem don't ask me to sing.  
The search may be on for one brand new wife,  
We wish you the best for next phase of life.  
Adieu, Monsieur Kachour.

### 31 Ignacio To Go 27 Jan 2014

Second smallest in South America  
Is the amazing country of Uruguay.  
Snuggled twixt Brazil and Argentinia,  
Ignacio, our man, had his beginnia.

Free of birds that grab your lunch,  
I did not believe or have a hunch,  
The climate right for abstract thought,  
Yet Ignacio et al to maths were brought.

Ignacio taught me this last Friday,  
How to send those birds to hide'way,  
Cut the talk and all the yearning,  
Hit 'em hard! They're not returning.

Licenciado y Magister en Matemática  
From Universidad de la Republica,  
Moved to Cambridge Part III Tripos.  
Distinction gained while contacting this Ross.

He'd studied the theory of monoidal bicats,  
And admit now: how common do you hear that!-S-  
-Said higher categories were on his agenda,  
Such statements for me were a befrienders.

Segue to enjoyable email exchange,  
Dualizations, antipodes, full in range.

Lax centres in this general context,  
Outstanding work earned my respect.

At that time to Macquarie was not to be,  
He chose old Cambridge for PhD.  
Home became Gonville and Caius  
He thought it just the bees knees.

Clearly that College loves him too,  
'Cause after the doctorate, as you do,  
[Insert: a stint in Portugal's Coimbra]  
Became Research Fellow persona grata.

A mighty slogan Nacho shouted:  
"Antipodes have been re-routed."  
Dualizations reign supreme,  
Behave the way our Steve would Dream.

Stage right: now enter Richard Wood,  
With me, had done what we could,  
With Frobenius, our duals to invert,  
New results Ignacio us did alert.

Finally to Macquarie in August 2012,  
With face-to-face deeper much could delve,  
But arrows and time, we know how it flees,  
Now back he goes to College Caius.

Best wishes and farewell, Ignacio.

## **32 The Maths Go On**

*(apologies to Prini-Sandrini-Naraine-Ulivi-Baratta-Sudano)*  
26 Nov 2014

The maths go on, the maths go on  
Symbols pounding theorems to the brain  
De eff of exx de tee, in-tegral gee de why

Gladly teche was once the rage, uh huh  
Government forced a turn of page, uh huh  
Vocational training became the thing, uh huh  
The Mighty Buck our newborn king, uh huh

The maths go on, the maths go on  
Symbols pounding theorems to the brain  
De eff of exx de tee, in-tegral gee de why

Our Math Department is small but very strong, uh huh  
Not in just for the short, but the lo-ong, uh huh  
Both research and teaching from early day  
Far beyond our weight we punch our wa-ay.

The maths go on, the maths go on  
Symbols pounding theorems to the brain  
De eff of exx de tee, in-tegral gee de why

Honoraries sit in chairs and reminisce  
The young keep chasing lemmas not to miss  
ArXives appearing faster all the time  
So much enjoyment has to be a crime.

The maths go on, the maths go on  
Symbols pounding theorems to the brain  
De eff of exx de tee, in-tegral gee de why

Each year, a profit we must make, uh huh  
That works: from our stu-dent in-take, uh huh  
Executive ideas they fall like lead, uh huh  
“Merge with Stats - and ex-tern your Head”, uh huh

The maths go on, the maths go on  
Symbols pounding theorems to the brain  
De eff of exx de tee, in-tegral gee de why

But we love our Head - and what he has done  
Meetings and pressures cannot all be fun  
Thank you so much Paul - but we all now pray  
You will steer the ship still for many a day

And: the maths go on, the maths go on, the maths go on, backslash dots.

### 33 A Syn-Thesis Existeth

20 May 2015

His interest whet by Peter J,  
In little things like D sub k,  
Decision made to head our way.

Ex-Cambridge crew awaited here,  
Richard and Dom so full of cheer,  
Theory Lie to make more clear.

Gospel One for this Burke, non-O,  
For chess, would travel to-and-fro,  
Melbourne, Auckland, a mate or so.

At Staff Café, always polite,  
Till all have food, he'll take no bite.  
Converse with those on left and right.

To study deep Lie's Theorem Two,  
An adjunction looking very new,  
With local and global category view.

From D infinity he soon will jet,  
To a manifold smooth, he is set.  
Please Matt CoACT, don't forget.

### 34 The Mitchell Higher Way

3 Sept 2015

This road north is high and free,  
From Dubbo of our VC  
Through Nevertire, a place to see,  
Cunnamulla Fella of Slim Dusty.

Metaphorical, I must admit,  
For Mitch I think the ideas fit,  
Higher constructions freely sit,  
Larrikin grin in his toolkit.

As Macquarie student, he early shone,  
Vacation Scholar, moving on,

Handled algebra using strings,  
Done quite well, as other things.

Theories of our friend Lawvere,  
A thesis for his Honours Year,  
First Class work from Mitch Buckley,  
Impressed our Dom, as we will see.

Away from schooling then to go,  
A stint at the C S I R O.  
Until an M-RES we attract,  
Coffee with Dom and Mitch is back!

PhD begun in this gyration  
With raising level of fibration.  
Forty one pages in JPAA  
A research man was on his way.

At thirteen CT  
Provided IT  
Helped me as MC  
Fanfaring VC.

Morgan-Phoa Workshop at ANU  
Turned Mitch's mind to matters skew.  
Asked me if I had a clue,  
When all the axioms you accrue.

It turned out for this case of skew,  
A lot was held by Number Two.  
A goodly nerve part of the story,  
Two more papers to Mitch's glory.

My orientals to stand or rock,  
By testing with a program Coq,  
Amazing work of computing genius  
Lies there now to be seen by all of us.

As if a doctorate not enough,  
With Richard, worked cylinder, cone,  
Orientals, cubes, not so tough,  
Good at joint work, or alone.

Now off to Belgium for year or two,  
To work on Hopf is what he'll do,  
It may happen, I hope true,  
He'll think some more about  $\mathbb{F}_q$ .

## 35 A Special Day for our Kay

16 Nov 2016

Now I had a lawful sister  
Through a marriage of my own,  
But I thought I'd like another  
Through a marriage of my Brother.

Me thinks it was in Wagga  
From whence we heard a rumour,  
There was a special person  
We might expect of moresome.

Then came the finest day  
When we met the lovely Kay.  
Top Lady of Westpac  
Had one great impact!

A church to walk the aisle  
Was not to be their style,  
We drove the country miles  
To the Orange home of Eyles.

Eventually to settle down  
Near that other city, Melbourne.  
In Mt Aitkin's shadow  
Ten acres in county Gisborne.

The rest is now all history,  
George, Henry, and our Angy.  
Schooled in lofty Braemar  
Where the rocks all hang ajar.

Move now to the present  
Kay sought a venue pleasant  
In lovely Vanuatu  
Where we did happ'ly come to.

So Happy Birthday Kay  
On this island dream away.

## 36 Le Cognac de Math

Dec 2016

With thoughts cryptographic,  
This hearty French mav'rick  
Came to Macquarie,  
Saw rainbow keets-lori.

Once here did our Remy  
Come some to our Semmy.  
Seed sewn categorical,  
Modified the historical.

Back to Paris' Paul-André  
For higher cats, logic's way.  
Then homotopy with Benoit Fresse,  
Gave a whet, we must confess.

Remy returned to Macquarie U,  
A PhD for to do.  
Supervision by Michael B  
Enough to make one cross the sea.

Quillen models have their place,  
Deri-vators rampage at a pace.  
But Remy decided on his own,  
Homotopy theory needs backbone!

His artistic skills are also seen  
On Department boards, not black nor green:  
A red-browed finch is just the start,  
Or "Remy loves Anne" inside a heart.

CoACT's logo he took in hand,  
Slicking up for modern times.  
The result is really pretty grand.  
I add this line because it rhymes.

Off to Boston RT will track,



To work with Prof. David Spivak.  
While cloistered in old MIT,  
He can be sure in our thoughts he'll be.

### 37 Farewell Philip Jul 2018

To Phil a poem with much used phrases  
Might appeal to some, even flow like blazes.  
But I keep it short!  
Stick to what ought!

“Geometry and properads” announced by Marcy,  
In 2015, one co-organizer most classy:  
None other than Phil,  
Showing much skill.

This Melbourne connexion and interest in Co-AC  
Raised postdoc application up high in the pack.  
An offer was made.  
Two years Phil has stayed.

Nine Seminar talks to us he has treated,  
On operad notions with graphs undefeated.  
Web expert proved top.  
Organizer he'd cop.

Now he and Anna for Lucy Anna  
In Lafayette to find their Havannah.  
We wish you the best  
With cat and the rest.

### 38 This $\text{Lan}_a(r)i$ is up to homotopy 21 Nov 2018

In danger of paradox Russellion,  
I hesitantly refer to the Title,  
With its namesake coined notation,  
For a construction to us so vital.

Fresh from Masters in Padua  
And Ieke's training in Leiden,

Edoardo took Garner's lure  
To write PhD, we could rely on.

On 16 March, year of 16,  
Edoardo's inaugural Sem-talk  
Was billed together with Alex,  
The germ of a coupling stalk.

There were times you would be forgiven  
For thinking him enduring abuse.  
But the bruises and cuts he was sporting  
Were kick-boxing kicks coome too cloose.

A fine thesis now is completed,  
Sporting path objects on Grothendieck-style  
Weak infinity groupoids. Now metered  
Homotopy hypothesis' extra mile.

Factoring first back home through Italia,  
Eduardo is soon underway.  
Leaving us here in Australia,  
He to Prague to spend many day.

## 39 House for Raising Sons

30 Mar 2019

There was a girl in New Orleans  
Now known as Farmor and Mum,  
Became the love of one young boy,  
The Gods, They planned that one.

Her car it was an Alpha,  
His an Oldsmobile.  
They drove across the Mississip  
The Alpha for to heal.

With one foot in the airport  
The other on the plane,  
They headed out of New Orleans,  
To not live there again.

So mothers of their grandkids,

Each married to a son,  
Stay as happy as they have been,  
In love, to live as one.

Three quarters of a hundred,  
And looking very grand,  
Mention now of New Orleans,  
Left to the Family Band.

## 40 A Campbell is Going

5 Jun 2019

Alexander is going, boo hoo, boo hoo.  
The time it is coming to say toodle do.  
He has been a good soldier the whole way through,  
Contributing most grandly to CoACT too.

Family hailed from Isle Lewis,  
Playing chess with berserks,  
Forty North for high dining,  
And other such quirks!

After earning the Medal at old U of Syd,  
One needs to think deeply where options are hid.  
The direction to go, one really should love.  
Seemed categories fit like proverbial glove.

To parity complexes he first set his mind,  
Redoing the structure, he was able to find,  
Parity comp-Alex's of a much better kind,  
Others developments, these now lie behind.

Thirty three ACS talks in five quick years,  
Organizing these arvoes for the last twos,  
Important ideas exposed to his peers.  
I believe that Sophie will fill these big shoes.

For topos and 2-cats, Giraud's book is good,  
But for explaining  $H^2$  and why his should  
Solve all our needs, is lost in the wood.  
To fix it I wondered, if our Alex could.

A higher categorical approach  
To Giraud's non-Abel cohomology,  
Confronting head-on the tricategories,  
Alexander's thesis needs no apology.

Infinity this and infinity that,  
Homotopy stuff, cause that's where it's at!  
Unexpected strictness exists for high cat.  
Nice work on skew from this aristocrat.

And on the Piano,  
A lifelong commitment  
Part of his ammo,  
A lasting equipment.

The Seminar Kan put all to the test.  
Started by Emily, Alex of the best.  
Then to the management for the year next,  
Very successful, to history the rest!

As you solve more problems,  
Traversing this earth's surface,  
Of your time at Macquarie,  
We ask: *Ne obliviscaris!*

## 41 Energetic Son

28 Nov 2019

Thanksgiving Seven Four  
When one, Gavin More,  
Sent us to Crown Street  
To ex-pand Clan Street.

Through snow in US,  
On small BMX,  
To miss his school never  
That's why he's so clever!

Engineering electric,  
By a means bit eccentric.  
Seizing the hour  
To plug solar power.

Wild places to roam,  
So glad he came home,  
With Penny to wed.  
Full life since have led.

May the next forty five,  
Be just as alive,  
As onward you strive  
Play bass to revive.

## 42 Macquarie Losing Misha

11 Dec 2019

Sheremetyevo to Sydney  
Flight Number Five Hundred and Fifty Five  
On Aeroflot Soviet Airlines  
Sixteen Feb, Ninety Six, to arrive!

Third year of MU Research Fellowship  
*Coherence in category theory*  
Michael Alexandrovich Batanin  
Was here to focus thoughts somewhat bleary.

Details on his work pre-Macquarie,  
Are in Math Reviews by Tim Porter.  
Those papers are published in Cahiers,  
And in detail, read them, you ought-ta.

Still in the first half of Ninety Six  
Back from The Seminar, turn Sydney's.  
"Oh Ross, I have a question for you,  
"On terminal graphs, free categories?"

By July that year Michael had,  
His tree-based theory of operad.  
A contractible example producing  
Weak higher cats, very seducing.

Well before the end of that year,  
"Natural environ" did appear.  
Monoidal globular cat'-g'ries,  
Where operads hang on trees.

His brilliant ideas bubbled on.  
In a few more months he revealed  
A revolutionary setting  
For computads. Wrapped, stamped, and sealed!

While there was very strong competition,  
For the Memorial Scott Russell Johnson  
Fellowship, advertised by CoACT,  
Offer accepted by Batanin.

While red tape we hate with a vengeance,  
Batanin, I'm here to attest,  
Gets results when they are needed,  
A power creating StreetFest.

Of this is another example,  
Early two thousand sixtane:  
Max Planck "Higher Structures".  
And now a journal, same name.

After twenty four years as academic,  
Macquarie you are now set to leave,  
CoACT you made so much stronger  
Through all the great things you achieved.

## 43 In Front of the Field

5 Feb 2020

When one tops the course,  
It never is fluky.  
But seventeen times?  
He did it, did Yuki!

A fine honours project,  
Neither's that fluky.  
But publish the work?  
He did it, did Yuki.

For old Auckland Uni,  
Clearly a painer  
Losing a scholar.  
Cambridge the gainer.

At summer in Canberra,  
Learnt of Garner paper.  
So for essay Part Three  
He made that his caper.

The next obvious step,  
In March twenty sixteen,  
To contact this Garner,  
A doctorate foreseen.

Cleared for the next year.  
Were we really lu'ky,  
CoACT was chosen?  
He did it, did Yuki!

In so many ways,  
Main research aside,  
Yuki enriched us,  
Through his three year ride.

When both on campus,  
Scheduled weekly chat,  
With Dom The Advisor.  
E-mail if not that.

What a great project:  
Update [3] FTM  
To quasi-2-cat setting.  
Surely the future, it am.

Next off to old Berkeley,  
The M - S - R - I.  
New things to develop,  
Await to hear, will I.

Then back to Hiroshima  
Family, friends, oysters too.  
With nearby Miyajima,  
Tako and momiji manju.