

IQNexusMag

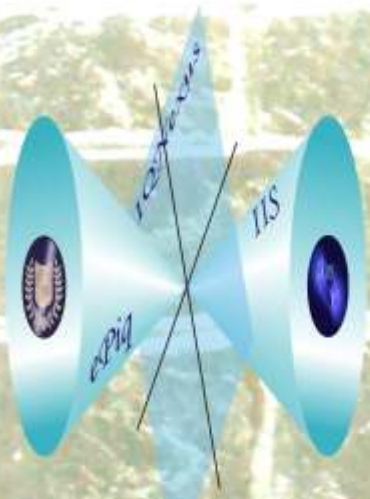
Volume VIII / June 2011



Space;
We all see bright stars,
colorful gasses, galaxies and planets.
Not many of us see little creatures,
specially spiders.



***Online Magazine of ePiq & Infinity
International Societies, members of WIN***



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***Every contribution
must be accompanied
by an introduction
from the contributor.***

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Special acknowledgement to

Owen Cosby

***For reviving and restoring
Infinity International Society
and establishing IQ Nexus joined
forum of IIS and ePiq Societies
for which this Magazine was created.***

Special thanks to

Jacqueline Slade

***for her great help
with English editorial work***

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Stan Riha

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William Munsil

***"Since I believe that Science belongs to educated professionals,
I and all involved have tried to keep the content of this magazine
(even though it is a HIQ Society mag.)
on an ordinary human level.***

***In fact, is it not the case that -
to be a human being is the most intelligent way of life?"***

Stanislav Riha p1

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Products of IIS and ePiq Societies



The Cover Story

Spiders in Space: Researchers Observe Arachnid Habits in a Microgravity Environment

ScienceDaily (May 1, 2011)

— The very idea of spiders in space brings to mind campy, black and white horror films involving eight-legged monsters. In actuality, it is a scientific investigation called Commercial Generic Bioprocessing Apparatus Science Insert-05 or CSI-05, in which researchers observe arachnid habits in a microgravity environment. This is the second spider investigation on the International Space Station -- the first was CSI-03 -- and researchers have high hopes that the sequel will eclipse the original.

Scheduled to launch with STS-134, the spider habitat will transfer from the space shuttle Endeavour to the space station. Once aboard, the crew will place the two habitats into the Commercial Generic Bioprocessing Apparatus or CGBA. This equipment will maintain a consistent temperature, humidity and lighting cycle for the spiders and their sustenance supply of fruit flies. The CGBA also controls imaging for the investigation.

The spider pair currently planned for investigation with CSI-05 are both golden orb spiders (*Nephila clavipes*), which spin a three dimensional, asymmetric web. This is different from the two orb spiders (*Larinioides patagiatus* and *Metepeira*) that launched to the space station on STS-126, which were selected specifically for the symmetry of their web formation. Scientists are looking to see if and how the arachnids will spin their webs differently in microgravity. The results will help them to understand the behavioral role of gravity for the spiders and their fruit fly companions.

"I think people can relate to everyday insects and they can understand why the experiment is of interest," said Stefanie Countryman, coordinator for CSI-05.

"Plus, the visual aspects of this experiment make it very appealing to the general public."

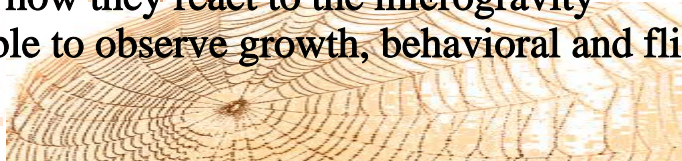




View of Nephila clavipes (golden orb spider) inside the spider habitat. (Credit: Image courtesy of BioServe)

When a sequel does top the original, in science as in movies, it usually has something to do with lessons learned during the first production. The CSI-03 investigation, for instance, was unfortunately restricted to eight days, due to the spiders' fruit flies food 'sliming' the observation window. This obscured the view inside the habitat and limited the study. For CSI-05, which is funded by the National Space Biomedical Research Institute or NSBRI and the NASA National Lab Education Office, the fruit flies will have a separate compartment from the spiders. The crew will slowly introduce the flies -- approximately every four days -- into the two individual spider habitats, which should allow for clear imagery through the viewing window for the full 45-day duration of the investigation.

The fruit flies are not, however, simply nourishment for the spiders. They are actually a secondary study themselves. Scientists plan to look at their mobility over time to see if and how they react to the microgravity environment. They should be able to observe growth, behavioral and flight patterns as the flies develop.



There also is an important education element to this investigation, sponsored by Baylor College of Medicine Center for Educational Outreach and Orion's Quest. While the *N. clavipes* is spinning in space, students on Earth will develop and observe their own spider habitats. Teachers can use a curriculum found on bioedonline.org. This Web site includes daily images sent from the space station to the BioServe Payload Operations and Control Center. This allows students to compare their spiders' spinning habits to those of the spiders in microgravity in near real time. Orion's Quest Web site -- orionsquest.org -- will focus on the habits of the fruit flies in space.



Arabella and the first space spider web.

Anita and Arabella, two female cross spiders (*Araneus diadematus*), went into orbit in 1973 for Skylab 3 space station. Like the STS-107 experiment, the Skylab experiment was a student project. Judy Miles, from Lexington, Massachusetts, wanted to know if spiders could spin webs in near-weightlessness.



Portfolio Plays

by Dr. Chuck

With some 40 years of study and involvement in finance, my only desire is to help others get into the game. Investment can be daunting. Everybody needs a friend who will tell the truth. For those who have wondered, I do not hold an SEC 6 or 7 license. I invest only for myself and for the various Investment Clubs I direct. They are closed organizations and new members must be referred by current partners and match existing investments. If members here would like to establish an Investment Club, I would be happy to do that. But, that is not my purpose, here. My blog is for general education and your questions are welcome. I would actually prefer that you become self-sufficient in your financial planning and would be honored if my missives assisted you in that venture.

Technically, Head and Shoulders isn't shampoo but, you could take a bath.

You'll hear the various pundits saying their books refer to ;technical; or ;fundamentals; and may be wondering what that gibberish really means. How fortunate for you I anticipated your wonderment and am providing the answers right here.

Technical Analysis is the domain of the Chartists or those who suggest that the future of an investment may be forecast by patterns found in past and recent trends. While some would argue in favor of Fundamental Analysis (a review of the financials of any given company) the prognosticators of the technical type do have some credence.

There are several patterns that seem to work with a great deal of certainty, and one of them is developing right now; the Head and Shoulders.

Take a look at the chart below showing the performance of this past year:



I overlaid the three major indices; The S&P 500, the DOW 30 and the NASDAQ and you can see that they have an eerie way of moving at the same rate in both directions. Further, as you look at the left side of the chart you'll notice that the trend was generally upward until a point of resistance was hit at about +11 to 12% above last year's level. The markets then moved downward to a point of support at about +3 to 5% and began trending positive, again. That forms the Left Shoulder with the Neckline established at the low point.

From that level the move was up to a high point of +16 to 23% which became the new level of resistance and the markets trended down to the Neckline of +3 to 5% forming the Head. Next, the move was up until a correction back to a level that was flat to up 3% and again pushed to the levels of the Left Shoulder, dropping again to test the support level of the Neckline and back up through resistance before taking a turn back down forming the Right Shoulder at +11 to 15%.

My forecast from this type of formation is that the new downward pressure will cause a correction back through the Neckline and further down another leg as deep as the Head was high. This equates to a new market bottom, or new level of support at about 890 for the S&P 500 by the end of Q2 2011. In the short run, I see a drop of about 10 to 12% in the next month. Here is another chart of the S&P 500 showing the performance over the past two years:



The prediction brings us back to the level of consolidation reached in Q2 2009 where the 50 day and 200 day moving averages crossed before the trend accelerated to the upside.

I've been working these numbers since I saw the formation of the Head and had hoped the Right Shoulder would not consolidate when there was a bounce off the Neckline. I became scared when the trend topped in August, then cheered that I may be wrong when the markets ran beyond the 200-day Moving Average in September, but that doesn't look like it will hold.

Don Luskin of Trend Macro is even comparing the trend with the impending tax increases and runaway government spending to the doomsday scenario of August 1937 when FDR attempted to balance the budget by raising taxes causing the depression within The Great Depression. Luskin and Charles Nenner say the downside will be even lower than my target and may drop below the market bottom formed in March of 2009.

With a falling dollar and rising commodity prices that increase input costs to all consumer goods, actual unemployed (U6) at over 26 Million in an economy that is 67 to 72% consumer dependant, more than 20% of mortgaged homes underwater, a shadow inventory of bank-owned properties exceeding 2 years supply in addition to the 1 year supply already on the market and corporate revenues falling making further cost cuts the only way to maintain margins, the outlook seems bleak. But, read the previous articles again and stay tuned. I'm going to show you how to preserve your capital and even achieve a return on your money in a falling market. After all, we're smarter than the rest of the herd!

More helpful advice based on experience from Dr. Chuck is coming in future issues of IQNexusMag.

Esperanto Pages

presented by Bil Munsil

Why not English?

IN ENGLISH YOU WRITE MANCHESTER
AND PRONOUNCE IT LIVERPOOL!

I take it you already know
Of tough and bough and cough and dough.
Others may stumble but not you
On hiccough thorough slough and through.
Well done! And now you wish perhaps
To learn of less familiar traps?

Beware of heard a dreadful word
That looks like beard and sounds like bird
And dead it's said like bed not bead -
For goodness sake don't call it deed!
Watch out for meat and great and threat.
(They rhyme with suite and straight and debt).

And here is not a match for there
Nor dear and fear for bear and pear.
And then there's dose and rose and lose -
Just look them up - and goose and chose.

There's cork and work and card and ward
And font and front and word and sword
And do and go and thwart and cart -
You know I've hardly made a start!
A difficult language? Man alive!

This phonetic labyrinth
Gives moss gross brook brooch ninth and plinth
Blood and flood are not like food
Nor is mould like would and should.
Viscous viscount load and broad
Toward to forward to reward.
And your pronunciation's OK
When you correctly say croquet.

Rounded wounded grieve and sieve
Friend and fiend alive and live.
Liberty library heave and heaven
Rachel ache mustache eleven.
They say hallowed but allowed
People leopard towed but vowed.

Mark the difference moreover.
Between mover plover Dover.
Leeches breeches wise precise.
Chalice but police and lice.
Camel constable unstable
Principle disciple label.
Petal penal and canal
Wait surmise plait promise pal.

Finally which rhymes with enough -
Though through plough cough chough or tough?
Hiccough has the sound of "cup".
My advice is give it up.

Babyeears

bloodwarmbreathing
trapped snuggly in cottonpopcornblanky
softsilkyssating bunting soothing
redlight gloaming through eyelids
flutt'ring in warmdream cloudy sleeping
babyeears hear
mama an' friends just there
in livingroom sofas ensconced
their "roucoulement" at tea-time"
robins' calling-joy
willowleaves' susurration
boys shoutsplash from the dock
sunlight soothing tickles nose
badpain night's gone
back to Heaven
little i go
sleepdreaming

T.G. "Torg" Hadley
M.S. Ed. (Sec.)
International Society for Philosophical Enquiry

Cain's Village

There is no return to the Garden,
as wistfully as we may yearn.
To watch warily, to run & climb a tree,
or stand to smite the Beast:
thus, our forebears' first did learn.

"All politics is local", the ruddy Irishman said.
Whether 'round a tribal fire or in the Rotunda,
Speak your Truth and guard your friends:
fight for freedom, or yer better off dead.

T.G. "Torg" Hadley
M.S. Ed. (Sec.)
International Society for Philosophical Enquiry



Cogito Ergo Zoom

i think, therefore "I" am,
i believe...
for I see multi-faceted
perceptibilities
in ponderable
Byzantine syllogism-puzzleboxes
patinaed in absurdity's
slick-shiny shellac
oh, eye see that which
I b'lieve, "eye think",
perception is Reality
(convoluted volition
is my condition), we get
that which we seize...
timing, altitude, attitude
in measured degree
meshed in synchronicity
give luminosity to
poetical perihelia of
sun-dogs/moon-dogs
you may (not so see
my halo is slipping
whilst I play a' la Gemini:
I am Amy G'dala and Sara
Bellum
dressed as Cowboy/Indian,
kicking sand until
my brain-playbox is emptied
and 'tis past time
for milk 'n' cookies
an' a nap
tittering girly-giggles
give way to sea-deep guffaws
each delightful discovery herein
is arresting, giving one Pause
to re-ponder inklings previously
unthinkable, now plausible...
ever-yet evanescent:
i am a bubble of celestial
champagne
tickling God's nostrils....

T.G. "Torg" Hadley
M.S. Ed. (Sec.)
International Society for Philosophical Enquiry

Soffio di vita

È il respiro della vita che respira in noi
ad unirci,
sotto il velo del cielo che accorcia la distanza
tra le stelle e i sogni.
Così diversi e così unici,
ma lascia liberi lampi di luce
perché il cuore si estenda a convertire l'impotenza della razionalità.
Fragili naufraghi alla ricerca di una via,
la ragione del nostro muoverci come soldati
in un gioco così grande e incomprensibile.
Basta provare a cancellare il dolore della nostra legge troppo umana,
ma il tempo passa e un sorriso ancora può annullare l'oscurità
mentre il mondo si agita in attesa di un nuovo giorno.

Silvio

Breath of life

Is the breath of life that breathes in us
to join,
under the veil of heaven,
which shortens the distance
between the stars and dreams.
So different and so unique,
but you left flashes of light
because the heart is extended
to convert the impotence of rationality.
Fragile castaways looking for a way,
the reason for our movement as soldiers
in a game so great and incomprehensible.
Just try to erase the pain in our law too human,
but over time and a smile can still cancel the darkness
while the world is agitated
while waiting for a new day.

Silvio

Honor

In honor of the people in Japan - within each of us is all of us.

Tomorrow's Morrow

Wintered wings sculpt spring's morning mist.
A half-roll invites sun's honeyed breath
to warm her welcoming breast.
Silent portamento slips through comforting currents,
'till rapid beating ripples newborned rainbow.
Bolting to slightly over the surf,
she glides towards Shizunami with regal grace.

Mount Kita's full moon's muse's whispers wane.
Great whites' slicing dorsals, slashing tails glisten.
Ivory tipped, indigo waves' crescendos
crash cracked, worn rocks.
Cleaving crenelated crests, soaring, plunging;
marlins' arcs flash mercury-blue.
Winter bids goodbye, bliss greets joy.

Dona nobis pacem.

Mike August
03/20/2011

"Memories"

by Derek Devine

In the end,
all we have is our memories.
And what's truly comforting,
is that yours will be a part of mine forever.

But I don't want you to be just a part of that.
I don't want one memory of you.
Though, if that's all that this life will allow me,
I'd die a satisfied man.

A satisfied man, but not a happy man.
I'd be a happy man if for the rest of my days,
I'd be able to walk through those doors,
after a horrible day at work,
just to be able to see your beautiful face,
and have all my troubles melt away..

I'd be a happy man if right at this moment,
I could turn my face, and look upon yours.
I'd be a happy man, if I didn't have to fight my thoughts,
to keep my words between these lines.

I'd be a happy man,

if you were mine.

But....

In the end,
all we have is our memories.

Dedicated to the memories of my bartender at Ri Ra.

'A New Beginning'

by Derek Devine

Here's to a new beginning,
Goodbye, my friends, it's been more than fun.

So why then, tell me why do I have to shed these tears?

Is it not from happy times,
from which these memories were originally born?

Without first experiencing happiness,
there can be no awareness of what is Sadness.

I understand this.

But still, tell me again, why do I have to shed these tears?

Goodbye my friends.
Here's to a new beginning...

Dedicated to the 2011 St. Michael's girls from 216/217.



The best of the first Photographic Contest of
the IQ Nexus.

Forum of the ePiq and IIS societies,
initiated by Marilyn Grimble and constituted by Gavan Guchnahan

The Geometry of The Plant Kingdom





Photos by Marilyn Grimble

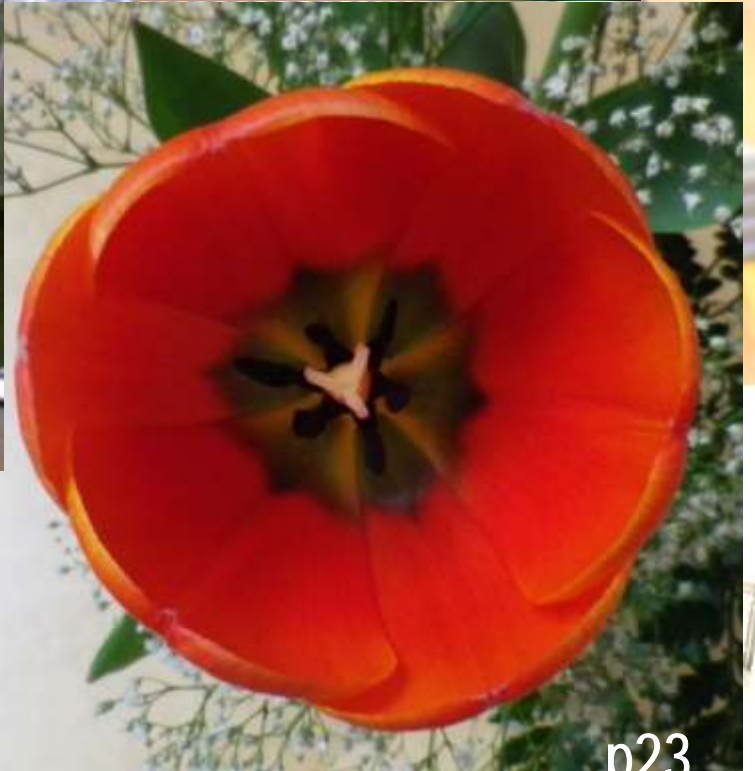




Photos by Gretchen T. Brinker



Photos by Stan Riha



Wisdom of ancient masters

Tao Te Ching by *Lao-tzu* 500 BCE

The Tao is infinite, eternal.
Why is it eternal?
It was never born;
thus it can never die.
Why is it infinite?
It has no desires for itself;
thus it is presented for all beings.

The Master stays behind;
that is why she is ahead.
She is detached from all things;
that is why she is one with them.
Because she has let go of herself,
she is perfectly fulfilled.

Stonewall Gallery of Art



Photography by
Beatrice Rescazzi

Stonewall Gallery of Art and Music

<http://soundcloud.com/jase-munn/new-spirit>

klick the
link



NEW SPIRIT

Musical Composition by
Jason Munn

Stonewall Gallery of Art



Watercolor by
Bo Østergaard Nielsen

Stonewall Gallery of Art



Photography by
Marilyn Grimble

Stonewall Gallery of Art



Photocollage by
Stan Riha

Lateral Thinking

Brought to you by Stan Riha

Lateral problem from 7th issue of the IQNexusMag:

A body is discovered in a park in Chicago in the middle of summer. It has a fractured skull and many other broken bones, but the cause of death was hypothermia.

Answer:

A poor peasant from somewhere in Europe desperately wants to come to the United States. Lacking money for airfare, he stows away in the landing gear compartment of a jet. He dies of hypothermia in mid-flight and falls out when the compartment opens as the plane makes its final approach.

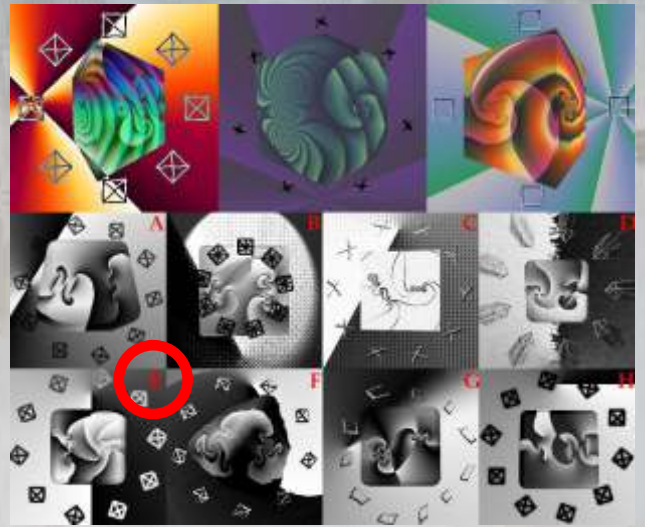


Lateral problem for this issue:

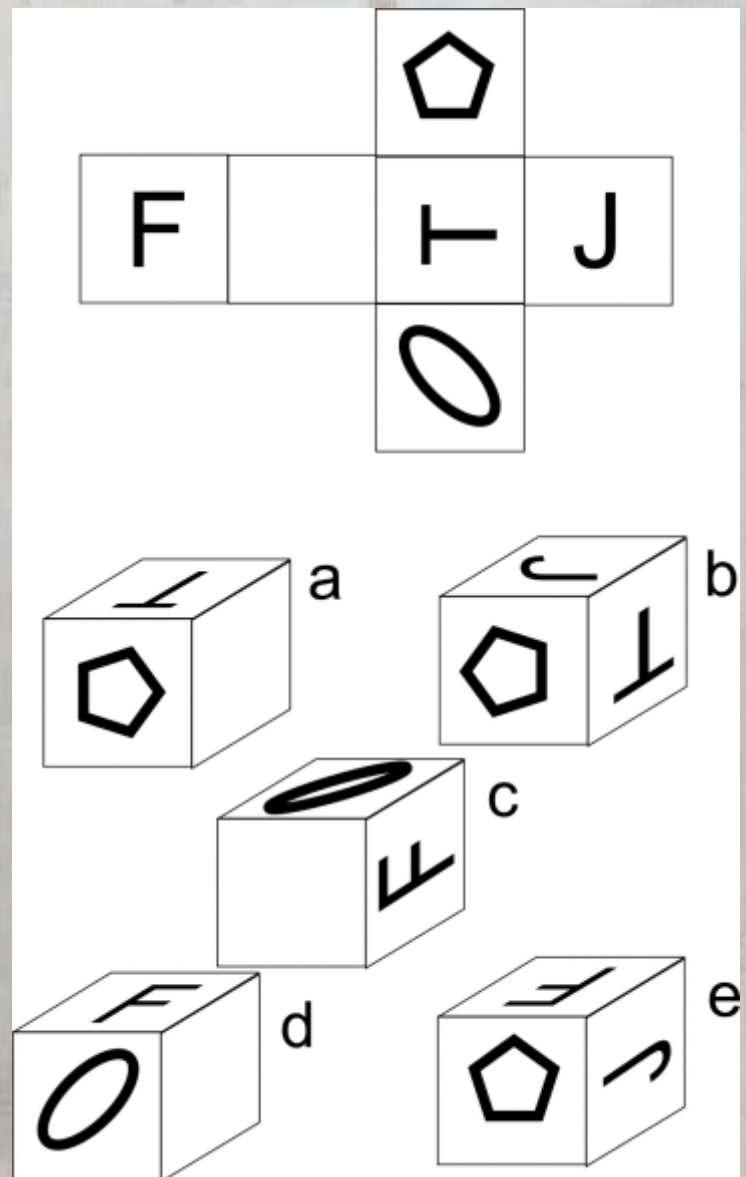
A woman has incontrovertible proof in court that her husband was murdered by her sister. The judge declares, "This is the strangest case I've ever seen. Though it's a cut-and-dried case, this woman cannot be punished."

We will bring you the answers in the next issue of IQNexusMag

Solution to a puzzle
by Jonathon Griffin
Which box comes
after the first three?



Which cube
is created
after a box
is folded?





IQNexus



**2011 CALENDAR OF IQNEXUS,
DISCUSSION FORUM OF EPIQ AND IIS,
HI IQ SOCIETIES.**

Forum

The three months Calendar
Magazine insert

NAME,..... EMAIL;.....

NAME,..... EMAIL;.....

NAME,..... EMAIL;.....

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ePiq Society Home Page

<http://www.epiqsociety.org/home.htm>

IIS Society Home Page

<http://www.iisiq.org/home.htm>

IQNexusMag

<http://iqnexus.org/mag.htm>

IQNexus Forum

<http://iqnexus.org/myBB/index.php>



June							August						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
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19	20	21	22	23	24	25	21	22	23	24	25	26	27
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IQ NEXUS

ePiq & IIS

July

2011

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24	25	26	27	28	29	30 ●
31						



July							September						
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17	18	19	20	21	22	23	18	19	20	21	22	23	24
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31													

August

2011

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
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21 ●	22	23	24	25	26	27
28 ●	29	30	31			



August							October						
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28	29	30	31				23	24	25	26	27	28	29
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4 ●	5 Labour Day	6	7	8	9	10							
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18	19	20 ●	21	22	23	24							
25	26	27 ●	28	29	30								

Representative products and gifts for IIS and IQNexus members and friends.

On site <http://www.cafepress.ca/IISIQ>

<http://www.cafepress.ca/IQNexusShopping>

Depicted below is a few samples of available products from a larger array of products and options to choose from.



*If you like the Magazine and want to join us,
try the IIS website <http://www.iisiq.org/Admissions.htm>
or the ePiq website <http://www.epiqsociety.net/admissions.htm>*