

Track 8

How to Keep Adults Busy and Other Fun Games for Children

1. How to Keep a Graduate Student Busy

Paul Stansifer

Keywords: all, work, and, no, play, makes, paul, a, dull, boy

2. New Results in k/n Power-Hours

Dr. Tom Murphy VII Ph.D.

Keywords: generalized binge drinking, maths, finite-state automata, abstract interpretation

3. Linear Logic Free

Carlo Angiuli

Keywords: linear logic, free to play, app store

4. It Still Seems That Black Has Hope in These Extremely Unfair Variants of Chess

Dr. Tom Murphy VII Ph.D., Ben Blum, and Jim McCann, in italics oh! nervous laughter
.... no, that's not part of the name still. I stopped saying the name. Why are you still typing?
This isn't the name any more. End quote.

Keywords: chess, stratego, guess who, clue, candy crush saga, game-tree search, combinations

Track 88

Concerning Local Affairs

1. **PARTIAL TRANSCRIPT OF DEAN'S SPEECH TO THE FACULTY OF THE MELLON COLLEGE OF SCIENCES**

Clint Falamenos

Keywords: news, lane center, college of sciences

2. **Analysis of the Effects of Substantial Lane Closure During Afternoon Peak Along a Heavily-Traveled Urban Arterial Choke-Point**

Nicholas Fudala

Keywords: knowledge, pagers, RATPAG

3. **Yet Another Application of Our Pet Technique**

Chester Francis and Nicholas Fudala

Keywords: complexity, multiple patents pending, nobel peace prize

4. **Please Don't Let Open House Destroy the Universe**

Jenn Landefeld

Keywords: open house, destruction of universe, herding cats

New Theoretical Perspectives

1. **Heterotopy Type Theory:
A Defense of the Traditional Foundations of Mathematics**
Thomas Cramer and Sam Yeager

Keywords: heterotopy type theory, identity type, freedom of expression axiom

2. **The Dumping Lemma – Assessing Regularity**
Naomi Saphra

Keywords: computational scatology, formal languages, poop jokes

3. **Statistical Watch Optimization**
Bryce Summers

Keywords: Watch, clock, time, probability, statistics

4. **A Simple Category-Theoretic Understanding of Category-Theoretic Diagrams**
Stefan Muller

Keywords: category, diagram, functor, diagram diagram

Track 8,888

Stay Safe Out There

1. Cryptographically-Sound Jokes

Jim McCann

Keywords: jokes, sha, md5

2. DollarCoin: A Cryptocurrency with Proof-of-Dollar

Patrick J. Xia

Keywords: cryptocurrency, bitcoin, dollars, bills, gamechanger, disrupt, awesome, supercool, thebest, hashtag

3. Towards a Completely Autonomous Vehicle

Nicholas Fudala and Chester Francis

Keywords: pain, suffering, frustration

Easier, Better, Faster, Stronger Research Methodologies

1. **Belief–Sustaining Inference**

Alex Reinhart and Jerzy Wiecezorek

Keywords: uninformative likelihood, statistics, embarrassment, cognitive dissonance, inference

2. **Solutions to Ley Line Access in Occult Computing**

Maija Mednieks

Keywords: ley lines, occult computing, miskatonic university, installing linux on a dead badger, playing god

3. **Measuring Your \mathbb{P} -ness: Determining How Like a Probability Distribution a Given Mathematical Object Is**

John T. Longwood

Keywords: lowbrow humour, probability, statistics

4. **a clarification of terminology**

David Renshaw

Keywords: did you mean, search instead for, not to be confused with

5. **What, If Anything, is Epsilon?**

Dr. Tom Murphy VII Ph.D.

Keywords: computational archaeology, epsilon, very-small and medium-small numbers

Track 888,888

Innovations in Natural and Unnatural Languages

1. **IRS-1040-Based Computing: The Untapped Computational Power of Bureaucracy**

William Gunther and Brian Kell

Keywords: unconventional computation, taxes, compilers, bureaucracy

2. **Towards Fooling and Foiling the NSA:
Surveying the State of Steganographic Programming Languages**

Wolfgang Richter and Debjani Biswas

Keywords: steganography, esoteric programming language, esoteric, programming languages, obfuscation, cryptography, shit

3. **Pikachu, Domosaur, and other Monolexical Languages**

Sarah Allen, Jesse Dodge, and Domosaur Domosaur

Keywords: natural language processing, regular languages, translation

4. **Unit-Test-Based Programming**

Miguel Á. Lechón

Keywords: unit test, automatic stubbornness, holy grail