start:09:15 end:10:15 Len: 00:60:00 id: 839

A History of Bioinformatics (in the Year 2039)

C. Titus Brown

A History of Bioinformatics (in the Year 2039)

C. Titus Brown

Veyepar: TalkSigns.rfxml

start: 10:45 end: 11:03 Len: 00:18:00 id: 839

ADAM: Fast, Scalable Genomic Analysis

Frank Austin Nothaft

ADAM: Fast, Scalable Genomic Analysis

Frank Austin Nothaft

Veyepar: TalkSigns.rfxml

start: 11:03 end: 11:21 Len: 00:18:00 id: 839 **set page 3 of 47**

Automated RNA-seq Differential Expression Validation

Rory Kirchner

Automated RNA-seq Differential Expression Validation

Rory Kirchner

Veyepar: TalkSigns.rfxml

start:11:21 end:11:39 Len: 00:18:00 id: 839 **set page 4 of 47**

New Frontiers of Genome Assembly with SPAdes 3.1

Andrey Prjibelski

New Frontiers of Genome Assembly with SPAdes 3.1

Andrey Prjibelski

Veyepar: TalkSigns.rfxml

start: 11:39 end: 11:57 Len: 00:18:00 id: 840

SigSeeker: An Ensemble for Analysis of Epigenetic Data

Jens Lichtenberg

SigSeeker: An Ensemble for Analysis of Epigenetic Data

Jens Lichtenberg

Veyepar: TalkSigns.rfxml

start: 11:57 end: 12:15 Len: 00:18:00 id: 840

Galaxy as an Extensible Job Execution Platform

John Chilton

Galaxy as an Extensible Job Execution Platform

John Chilton

Veyepar: TalkSigns.rfxml

start: 12:15 end: 12:30 Len: 00:15:00 id: 840 **set page 7 of 47**

Open Bioinformatics Foundation (OBF) update

Hilmar Lapp

Open Bioinformatics Foundation (OBF) update

Hilmar Lapp

Veyepar: TalkSigns.rfxml

start: 13:00 end: 13:05 Len: 00:5:00 id: 843

Connecting computational steps for NGS, and beyond.

Laurent Gautier

Connecting computational steps for NGS, and beyond.

Laurent Gautier

start: 13:05 end: 13:10 Len: 00:5:00 id: 843 **set page 9 of 47**

Updates to MISO, the open-source NGS LIMS project

Xingdong Bian

Updates to MISO, the open-source NGS LIMS project

Xingdong Bian

Veyepar: TalkSigns.rfxml

start:13:10 end:13:15 Len: 00:5:00 id: 843

Running Taverna Workflows within IPython Notebook

Alan Williams / Aleksandra Pawlik (TBC)

Running Taverna Workflows within IPython Notebook

Alan Williams / Aleksandra Pawlik (TBC)

Veyepar: TalkSigns.rfxml

start: 13:15 end: 13:20 Len: 00:5:00 id: 843 **set page 11 of 47**

Reconstruction of ancestral genomes in presence of gene gain and loss

Shuai Jiang

Reconstruction of ancestral genomes in presence of gene gain and loss

Shuai Jiang

Veyepar: TalkSigns.rfxml

start: 13:20 end: 13:25 Len: 00:5:00 id: 843

Firehose in The Cancer Genome Atlas: Rigorous Open Science, At Scale

Michael Noble

Firehose in The Cancer Genome Atlas: Rigorous Open Science, At Scale

Michael Noble

Veyepar: TalkSigns.rfxml

start: 13:25 end: 13:30 Len: 00:5:00 id: 843 **set page 13 of 47**

GEPETTO Update: An Open Source Framework for Gene Prioritization

Hoan Nguyen

GEPETTO Update: An Open Source Framework for Gene Prioritization

Hoan Nguyen

Veyepar: TalkSigns.rfxml

start:13:30 end:13:35 Len: 00:5:00 id: 843 **set page 14 of 47**

NeoPipe: An Open Source Framework for Protein sequence analysis

Hoan Nguyen

NeoPipe: An Open Source Framework for Protein sequence analysis

Hoan Nguyen

Veyepar: TalkSigns.rfxml

start:13:35 end:13:40 Len: 00:5:00 id: 843

MyGene.info updates: scalable gene-centric web services with user contributions

Chunlei Wu

MyGene.info updates: scalable gene-centric web services with user contributio

Chunlei Wu

Veyepar: TalkSigns.rfxml

start: 13:40 end: 13:45 Len: 00:5:00 id: 843 **set page 16 of 47**

Aiding the journey from data to publication in the plant sciences

Robert Davey

Aiding the journey from data to publication in the plant sciences

Robert Davey

Veyepar: TalkSigns.rfxml

start: 13:55 end: 14:00 Len: 00:5:00 id: 843

Bio2RDF mobile: an app for biological semantic web databases

Maxime Déraspe

Bio2RDF mobile: an app for biological semantic web databases

Maxime Déraspe

Veyepar: TalkSigns.rfxml

start: 14:00 end: 14:18 Len: 00:18:00 id: 840

WormGUIDES: an Interactive Informatic Developmental Atlas at Subcellular Resolution

Anthony Santella

WormGUIDES: an Interactive Informatic Developmental Atlas at Subcellular Re

Anthony Santella

Veyepar: TalkSigns.rfxml

start: 14:18 end: 14:36 Len: 00:18:00 id: 840

BioJS: an Open Source Standard for Biological Visualisation

Manuel Corpas

BioJS: an Open Source Standard for Biological Visualisation

Manuel Corpas

Veyepar: TalkSigns.rfxml

start: 14:36 end: 14:54 Len: 00:18:00 id: 840

Biodalliance: a Fast, Extensible Genome Browser

Thomas Down

Biodalliance: a Fast, Extensible Genome Browser

Thomas Down

Veyepar: TalkSigns.rfxml

start: 14:54 end: 15:12 Len: 00:18:00 id: 840

TGAC Browser: Visualisation Solutions for Big Data in the Genomic Era

Anil S. Thanki

TGAC Browser: Visualisation Solutions for Big Data in the Genomic Era

Anil S. Thanki

Veyepar: TalkSigns.rfxml

start: 15:12 end: 15:30 Len: 00:18:00 id: 840

Explore, Analyze, and Share Genomic Data Using Integrated Genome Browser

Ann Loraine

Explore, Analyze, and Share Genomic Data Using Integrated Genome Browse

Ann Loraine

Veyepar: TalkSigns.rfxml

start: 16:00 end: 16:12 Len: 00:12:00 id: 840 **set page 23 of 47**

BioMart 0.9 - Introducing Tools for Data Analysis and Visualisation

Luca Pandini

BioMart 0.9 - Introducing Tools for Data Analysis and Visualisation

Luca Pandini

Veyepar: TalkSigns.rfxml

start: 16:12 end: 16:24 Len: 00:12:00 id: 840 **set page 24 of 47**

Biocaml: The OCaml Bioinformatics Library

Ashish Agarwal

Biocaml: The OCaml Bioinformatics Library

Ashish Agarwal

Veyepar: TalkSigns.rfxml

start:16:24 end:16:36 Len: 00:12:00 id: 841 **set page 25 of 47**

BioRuby and Distributed Development

Pjotr Prins

BioRuby and Distributed Development

Pjotr Prins

Veyepar: TalkSigns.rfxml

start: 16:36 end: 16:48 Len: 00:12:00 id: 841

Biopython Project Update

Wibowo Arindrarto

Biopython Project Update

Wibowo Arindrarto

Veyepar: TalkSigns.rfxml

start: 16:48 end: 17:00 Len: 00:12:00 id: 841

Shared Bioinformatics Database Within Unipro UGENE

Ivan Protsyuk

Shared Bioinformatics Database Within Unipro UGENE

Ivan Protsyuk

Veyepar: TalkSigns.rfxml

start: 17:00 end: 17:05 Len: 00:5:00 id: 841 **set page 28 of 47**

Fostering the Next Generation of Data-driven Open Science with R

Karthik Ram

Fostering the Next Generation of Data-driven Open Science with R

Karthik Ram

Veyepar: TalkSigns.rfxml

start: 17:07 end: 17:12 Len: 00:5:00 id: 844 **set page 29 of 47**

Tripal: an Open Source Toolkit for Building Genomic and Genetic Data Websites and Databases

Margaret Staton

Tripal: an Open Source Toolkit for Building Genomic and Genetic Data Websit

Margaret Staton

Veyepar: TalkSigns.rfxml

start: 17:14 end: 17:19 Len: 00:5:00 id: 841 **set page 30 of 47**

PLUTo: Phyloinformatic Literature Unlocking Tools

Ross Mounce

PLUTo: Phyloinformatic Literature Unlocking Tools

Ross Mounce

Veyepar: TalkSigns.rfxml

start: 17:21 end: 17:26 Len: 00:5:00 id: 841 **set page 31 of 47**

A Publication Model that Aligns with the Key Open Source Software Principles

Michael L. Markie

A Publication Model that Aligns with the Key Open Source Software Principles

Michael L. Markie

Veyepar: TalkSigns.rfxml

start:09:00 end:09:15 Len: 00:15:00 id: 841 **set page 32 of 47**

Codefest 2014 Report

Brad Chapman

Codefest 2014 Report

Brad Chapman

Veyepar: TalkSigns.rfxml

start: 09:15 end: 10:15 Len: 00:60:00 id: 841

Biomedical Research as an Open Digital Enterprise

Philip Bourne

Biomedical Research as an Open Digital Enterprise

Philip Bourne

Veyepar: TalkSigns.rfxml

start: 10:45 end: 11:03 Len: 00:18:00 id: 841

Pathview: an R/Bioconductor Package for Pathway-based Data Integration and Visualization

Weijun Luo

Pathview: an R/Bioconductor Package for Pathway-based Data Integration anc

Weijun Luo

Veyepar: TalkSigns.rfxml

start: 11:03 end: 11:21 Len: 00:18:00 id: 842

Use of Semantically Annotated Resources in the Mobyle2 Web Framework

Hervé Ménager

Use of Semantically Annotated Resources in the Mobyle2 Web Framework

Hervé Ménager

Veyepar: TalkSigns.rfxml

start: 11:21 end: 11:39 Len: 00:18:00 id: 842

Towards Ubiquitous OWL Computing: Simplifying Programmatic Authoring of and Querying with OWL Axioms

Hilmar Lapp

Towards Ubiquitous OWL Computing: Simplifying Programmatic Authoring of a

Hilmar Lapp

Veyepar: TalkSigns.rfxml

start: 11:39 end: 11:57 Len: 00:18:00 id: 842

Integrating Taverna Player into Scratchpads

Robert Haines

Integrating Taverna Player into Scratchpads

Robert Haines

Veyepar: TalkSigns.rfxml

start: 11:57 end: 12:15 Len: 00:18:00 id: 842

Small Tools for Bioinformatics

Pjotr Prins

Small Tools for Bioinformatics

Pjotr Prins

Veyepar: TalkSigns.rfxml

start: 13:00 end: 13:05 Len: 00:5:00 id: 844

Tripal: an open source toolkit for building genomic and genetic data websites and databases

Margaret Staton

Tripal: an open source toolkit for building genomic and genetic data websites a

Margaret Staton

Veyepar: TalkSigns.rfxml

start: 13:00 end: 13:05 Len: 00:5:00 id: 841

Tripal: an open source toolkit for building genomic and genetic data websites and databases

Margaret Staton

Tripal: an open source toolkit for building genomic and genetic data websites a

Margaret Staton

Veyepar: TalkSigns.rfxml

start: 13:05 end: 13:10 Len: 00:5:00 id: 844 **set page 41 of 47**

BioBuilds: A Model for Long Term Sustainability of Open Source Bioinformatics

Chris Mueller

BioBuilds: A Model for Long Term Sustainability of Open Source Bioinformatic

Chris Mueller

Veyepar: TalkSigns.rfxml

start: 14:00 end: 14:18 Len: 00:18:00 id: 842

SEEK for Science: A Data Management Platform which Supports Open and Reproducible Science

Carole Goble

SEEK for Science: A Data Management Platform which Supports Open and Re

Carole Goble

start: 14:18 end: 14:36 Len: 00:18:00 id: 842

Arvados: Achieving Computational Reproducibility and Data Provenance in Large-Scale Genomic Analyses

Brett Smith

Arvados: Achieving Computational Reproducibility and Data Provenance in La

Brett Smith

Veyepar: TalkSigns.rfxml

start: 14:36 end: 14:54 Len: 00:18:00 id: 842

Enhancing the Galaxy Experience through Community Involvement

Daniel Blankenberg

Enhancing the Galaxy Experience through Community Involvement

Daniel Blankenberg

Veyepar: TalkSigns.rfxml

start: 14:54 end: 15:12 Len: 00:18:00 id: 842

Supporting Dynamic Community Developed Biological Pipelines

Brad Chapman

Supporting Dynamic Community Developed Biological Pipelines

Brad Chapman

Veyepar: TalkSigns.rfxml

start: 15:12 end: 15:30 Len: 00:18:00 id: 842 **set page 46 of 47**

'Open' as a Strategy for Durability, Reproducibility and Scalability

Jonathan Rees

'Open' as a Strategy for Durability, Reproducibility and Scalability

Jonathan Rees

Veyepar: TalkSigns.rfxml

start:16:00 end:17:00 Len: 00:60:00 id: 842 **set page 47 of 47**

Panel : Reproducibility: Rewards and Challenges

Phil Bourne, Titus Brown, Varsha Khodiyar, Kaitlin Thaney

Panel : Reproducibility: Rewards and Challenges

Phil Bourne, Titus Brown, Varsha Khodiyar, Kaitlin Thaney■

Veyepar: TalkSigns.rfxml