

STMC Workshop Selection Guide

This document is designed to help registered attendees for the Linguamatics Text Mining Summit choose appropriate workshops.

Each of the three workshop sessions include several tracks running in parallel. **Please choose one workshop from each session.**

To help you make your selection, we've provided some recommendations below, based on experience levels and interests. You can choose a different combination and you can discuss your preference with Linguamatics before filling in the selection form.

Workshop Recommendations

For those who are **completely new** to querying with I2E, we recommend **Track A**, including:

- Workshop 1A: Introduction to I2E (Life Sciences and Healthcare)
- Workshop 2A: Introduction to I2E Part 2
- Workshop 3A: I2E Query User Certificate Exam

For users who **have some experience** of querying with I2E, we recommend **Track B**, including:

- Workshop 1B: Linguamatics I2E Query Hackathon
- Workshop 2B: Leveraging New I2E Features
- Workshop 3B: Advanced Techniques

For those interested in Automating I2E, we recommend **Track C**, including:

- Workshop 1C: Automating I2E – SDKs
- Workshop 2C: Automating I2E – Workflow Tools (Pipeline Pilot & KNIME Nodes)
- Workshop 3C: Automating I2E – AMP

	Track A	Track B	Track C
Session 1 (Monday, 1:00 – 4:00)	1A: Introduction to I2E	1B: Linguamatics I2E Query Hackathon	1C: Automating I2E - SDKs
Session 2 (Wednesday, 9:00 – 10:30)	2A: Introduction to I2E, Part 2	2B: Leveraging New I2E Features	2C: Automating I2E - Workflow Tools (Pipeline Pilot & KNIME Nodes)
Session 3 (Wednesday, 11:00 – 12:30)	3A: I2E Query User Certificate Exam	3B: Advanced Techniques	3C: Automating I2E - AMP

Workshop Descriptions

Session 1 Monday April 23, 1:00pm - 4:00pm			
Workshop		Learning outcomes	Who should attend
1A	<p>Introduction to I2E <i>with John Haldoupis</i></p> <p>Including an introductory presentation and opportunity to work through one or more printed tutorials at your own pace, with I2E experts available to address your own questions throughout the workshop.</p>	<p>Learn the basics of querying with I2E.</p> <p>Have an opportunity to ask your questions about text mining with I2E.</p>	<p>For anyone who is completely new to I2E, or who has not yet worked through the level 1 querying tutorial.</p>
1B	<p>Linguamatics I2E Query Hackathon <i>with David Milward</i></p> <p>There is considerable interest in mining Adverse Events (AEs) from real world data or drug labels.</p> <p>During this half-day event, teams will develop queries and terminology to extract AEs using annotated gold standard data and large-scale unannotated data. Each team will be able to measure their progress.</p> <p>I2E experts will be available to address questions throughout the hackathon.</p>	<p>Advance your skills in querying with I2E.</p> <p>Learn to use gold standard data for evaluation and query development.</p> <p>Share best practice.</p>	<p>For existing I2E users willing to work in teams to solve real-life challenges through hands-on use of I2E.</p> <p>Note that, depending on progress and interest, the Hackathon event end time may be extended until as late as 5pm.</p>
1C	<p>Automating I2E – SDKs <i>with Paul Milligan</i></p> <p>Tutorial covering practical uses of the I2E Client Software Development Kits (SDKs), Extraction And Search Language (EASL).</p>	<p>Learn about I2E's Client SDKs.</p> <p>Have an opportunity to ask your questions about your own applications for I2E.</p>	<p>For developers with any level of experience with the I2E WSAPI or SDKs.</p> <p>If you select workshop 1C, please tell us your level of prior experience with Python, the I2E WSAPI, I2E Client SDKs and note any specific aims, topics or questions to inform the facilitator in advance.</p>

Session 2

Wednesday April 25, 9:00am – 10:30am

Workshop		Learning outcomes	Who should attend
2A	Introduction to I2E, Continued <i>with John Haldoupis</i> Following on from workshop 1A on Monday, providing an opportunity to continue working through tutorials at your own pace, with I2E experts available to address your own questions throughout the workshop.	Further your understanding of querying with I2E. Have an opportunity to ask your questions relating to your own querying with I2E.	For those attending workshop 1A on Monday, or any other experienced users who are interested in improving their query development strategies.
2B	Leveraging New I2E Features <i>with David Milward</i> New features will be presented in more detail, with time for Q&A and some hands-on access to the new features.	Become familiar with new I2E features. Have an opportunity to give feedback on new I2E features	For users with some experience of I2E who are interested in learning about the new features.
2C	Automating I2E – Workflow Tools <i>with Paul Milligan</i> Tutorial covering practical examples of building workflows in Pipeline Pilot and KNIME Nodes, which use I2E.	Learn about using I2E with Pipeline Pilot and KNIME Nodes. Have an opportunity to ask your questions about your own workflows.	For users with any level of experience with KNIME Nodes and/or Pipeline Pilot. If you select workshop 2C, please tell us your level of prior experience with Pipeline Pilot and KNIME Nodes and note any specific aims, topics or questions to inform the facilitator in advance.

Session 3

Wednesday April 25, 11:00am – 12:30am

Workshop	Learning outcomes	Who should attend
3A I2E Query User Certificate Exam <i>with Kirsten McLaughlin</i> We're developing a Certificate Program for I2E users. We're starting with a Query User Certificate, and building up to Query Creator and Query Strategist Certificates. The exam should take no more than 45 minutes, but 90 minutes will be available.	A list of learning objectives for the Query User Certificate will be available prior to the exam.	The Query User Certificate Exam will be open to those who have just taken the Introduction to I2E courses, as well as more established users.
3B Advanced Techniques <i>with David Milward</i> Approaches to some common problems will be presented, with time for Q&A and hands-on access. There will also be an overview of some of I2E's more advanced options, including use of Lua.	Become familiar with techniques for improving query results, and understand some of I2E's advanced options and when to use them.	For experienced users interested in using I2E to provide high quality results.
3C Automating I2E – AMP <i>with Paul Milligan</i> Tutorial covering practical uses of the Asynchronous Messaging Pipeline (AMP).	Learn about AMP. Have an opportunity to ask your questions about your own Extract, Transform and Load (ETL) applications for.	For users who would like to implement AMP into their ETL workflows. If you select workshop 3C, please tell us your level of prior experience with I2E and Python and note any specific aims, topics or questions to inform the facilitator in advance.