

TECHNOLOGY TRANSFER PRESENTS

JOHN CHAPIN

**DESIGNING, BUILDING
AND RUNNING**

SERVERLESS APPLICATIONS ON AWS

JUNE 5-6, 2018

RESIDENZA DI RIPETTA - VIA DI RIPETTA, 231
ROME (ITALY)



info@technologytransfer.it
www.technologytransfer.it

ABOUT THIS SEMINAR

This comprehensive two-day workshop will prepare architects, developers, and other technical personnel to design, build, and operate scalable, well-architected Serverless applications on Amazon Web Services.

Lectures covering Serverless fundamentals and advanced theory will be interspersed with hands-on, collaborative exercises to give participants practical experience with a range of Serverless technologies.

WHAT YOU WE LEARN

- What is Serverless, and what distinguishes Serverless from other technology?
- The best use cases for Serverless architectures (and which to avoid)
- Details of the various Serverless technologies available on AWS, including Lambda
- Common Serverless and hybrid architecture patterns
- How to build and deploy Lambda functions using Java or Node.js
- How to use infrastructure as code and CloudFormation to manage Serverless application components
- How to operate and monitor Serverless applications at scale
- How continuous delivery and Serverless shorten lead time and accelerate organizations

AUDIENCE

Architects, developers, and anyone comfortable writing code.

Please, bring your laptop (Mac OS X or Windows or Linus) to the seminar

OUTLINE

1. Serverless fundamentals and use cases

- What is Serverless?
- FaaS and BaaS
- Common use cases and limitations
- Serverless technology vendors

2. AWS Lambda

- Lifecycle of a Lambda function
- Input, output, and context
- Invocation and event sources
- Error handling

3. Serverless and hybrid application architecture

- Event-driven architectures
- At-least-once processing and idempotence
- Integrating with non-Serverless components

4. Development environment validation

5. Other Serverless AWS services

- Storage - S3, DynamoDB, Serverless Aurora
- Messaging - SNS, SQS, Kinesis

6. Continuous delivery for Serverless applications

- CloudFormation and “infrastructure as code”
- CodePipeline, CodeBuild and CodeDeploy
- Integration testing for Serverless applications

7. Operations and monitoring of Serverless applications

- Monitoring - CloudWatch Logs and Metrics

8. Next steps with Serverless

- Continuous Experimentation
- The Future of Serverless

INFORMATION

<p>PARTICIPATION FEE</p> <p>€ 1300</p> <p>The fee includes all seminar documentation, luncheon and coffee breaks.</p> <p>VENUE</p> <p>Residenza di Ripetta Via di Ripetta, 231 Rome (Italy)</p> <p>SEMINAR TIMETABLE</p> <p>9.30 am - 1.00 pm 2.00 pm - 5.00 pm</p>	<p>HOW TO REGISTER</p> <p>You must send the registration form with the receipt of the payment to: TECHNOLOGY TRANSFER S.r.l. Piazza Cavour, 3 - 00193 Rome (Italy) Fax +39-06-6871102</p> <p>within May 21, 2018</p> <p>PAYMENT</p> <p>Wire transfer to: Technology Transfer S.r.l. Banca: Cariparma Agenzia 1 di Roma IBAN Code: IT 03 W 06230 03202 000057031348 BIC/SWIFT: CRPPIT2P546</p>	<p>GENERAL CONDITIONS</p> <p>DISCOUNT</p> <p>The participants who will register 30 days before the seminar are entitled to a 5% discount.</p> <p>If a company registers 5 participants to the same seminar, it will pay only for 4.</p> <p>Those who benefit of this discount are not entitled to other discounts for the same seminar.</p> <p>CANCELLATION POLICY</p> <p>A full refund is given for any cancellation received more than 15 days before the seminar starts. Cancellations less than 15 days prior the event are liable for 50% of the fee. Cancellations less than one week prior to the event date will be liable for the full fee.</p> <p>CANCELLATION LIABILITY</p> <p>In the case of cancellation of an event for any reason, Technology Transfer's liability is limited to the return of the registration fee only.</p>
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Registration fee:
€ 1300

If registered participants are unable to attend, or in case of cancellation of the seminar, the general conditions mentioned before are applicable.

first name

surname

job title

organisation

address

postcode

city

country

telephone

fax

e-mail



Stamp and signature

Send your registration form with the receipt of the payment to:
Technology Transfer S.r.l.
Piazza Cavour, 3 - 00193 Rome (Italy)
Tel. +39-06-6832227 - Fax +39-06-6871102
info@technologytransfer.it
www.technologytransfer.it



SPEAKER

John Chapin is a co-founder of Symphonia, an expert consultancy based in New York City that helps companies of all sizes use Serverless and Cloud technology to deliver value quickly and effectively.

Mr. Chapin and co-founder Mike Roberts authored the recent O'Reilly report, "What is Serverless?", and their highly-regarded talks and workshops are regularly featured at conferences like O'Reilly's Software Architecture Conference, Velocity, OSCON, QCon, ServerlessConf, and AWS re:Invent.