

# When You Need a System-Level Perspective



*E*lectronic *S*ystem *L*evel *X*perts

[www.eslx.com](http://www.eslx.com)

We bring your team together to build your system

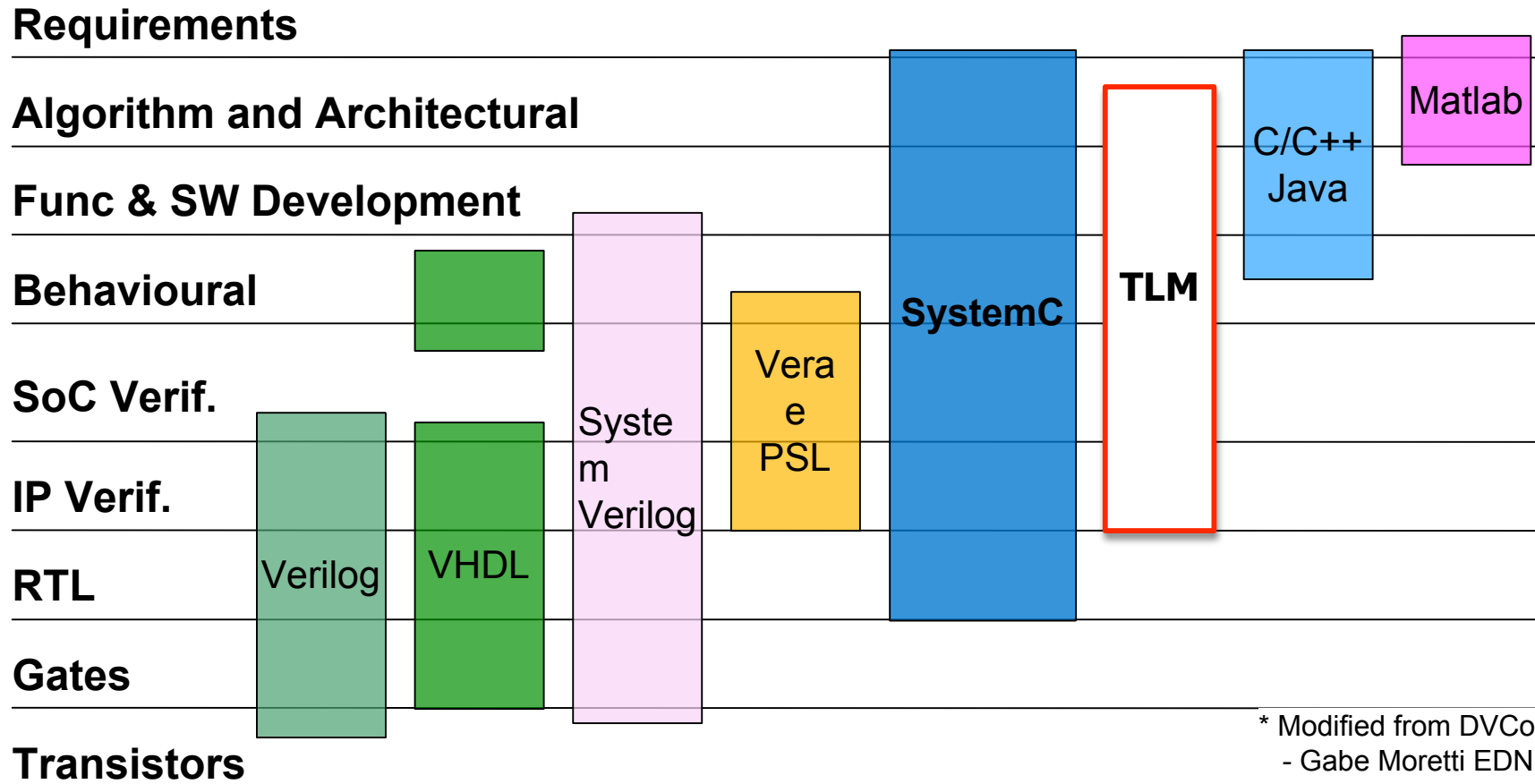
# System Level Design - What you need most

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- Your design is an electronic system
  - algorithm + architecture + hardware + software + verification
  - Each of these areas has different flows & needs, but they all need to work together!
- Shouldn't your teams use System Level tools?
  - Capture system intent cross-functionally
  - Enable teams to start earlier and validate other groups
  - Remove the element of surprise
- ESLX can bring System Level design to your team
  - Our experts include managers, architects, designers, programmers and tool smiths - we understand your team
  - We know ESL, we wrote the book
  - Hire our experts to enable yours

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# Why use TLM for System Level Design



\* Modified from DVCon  
- Gabe Moretti EDN



# Transaction Level Modeling Standardized

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## ■ The Promise

- TLM IP working "seamlessly" with other IP
- TLM means faster development
  - Fewer misunderstandings between teams
- TLM means better predictions of performance
  - Much better than spreadsheets and earlier than prototypes
- TLM means faster simulations
  - Enabling early Software Development

## ■ The Catch

- Only if your team understands the Standard
  - Trained beyond just the syntax
- Only if your vendors and customers get the message
  - Know how to ask the right questions

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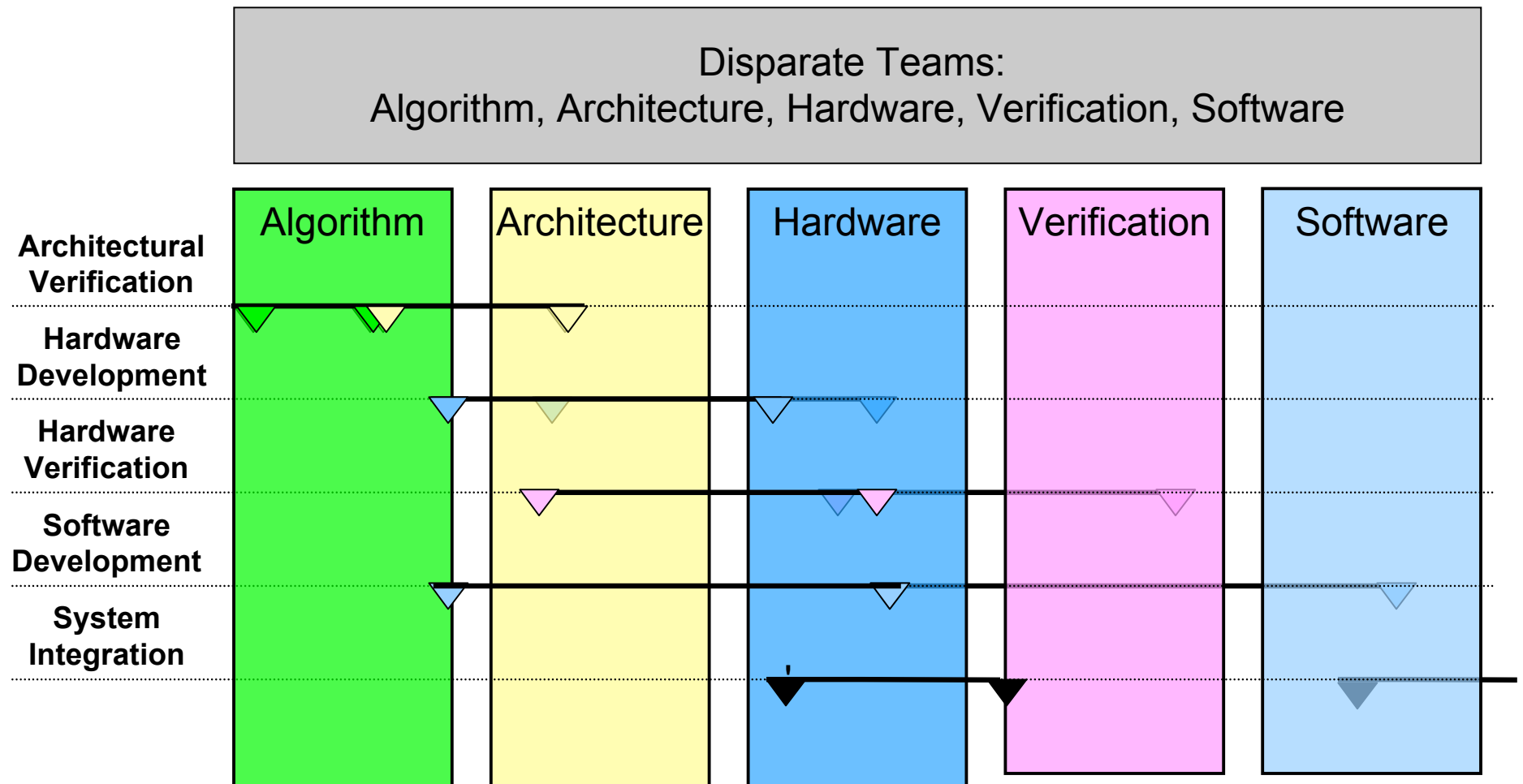
# TLM 2.0 Seminar & Classes

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- Jumpstart your team into this very valuable standard
- Topics include
  - How TLM 2.0 affects the architect and HW/SW developers
  - Understanding the terminology of TLM 2.0
  - Basics needed to use TLM 2.0 compliant models
  - Getting the most out of TLM 2.0 modeling
  - Writing a simple model
  - How to model your specific bus
  - Going beyond Memory Mapped models with TLM 2.0



# Today's Design Approach for Complex Systems



# Services from ESLX Are Your Answer!!

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## ■ Does your team?

- Need models developed that are TLM 2.0 compliant?
- Need some help to jump start your team?
- Just need high quality TLM 2.0 compliant models now?
- Need to know the best way to reuse your current models?

## ■ ESLX Services

- Custom Direction for getting your team started
- Mentor Consultants, Turn-key Modeling
- Real World ESL Flows and Infrastructure
- SystemC and TLM training and seminars

## ■ Consider hiring the ESLX

- We wrote the examples
- Give us a call +1.512.431.7630 or send an e-mail: [Info@ESLX.com](mailto:Info@ESLX.com)

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