

# Orchestrating Learning Analytics (OrLA) workshop

**María Jesús Rodríguez-Triana, Luis P. Prieto,  
Roberto Martínez-Maldonado & Yannis Dimitriadis**

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# Motivation



## Teachers: why & how

*Convince me that it's going to help me  
with an affordable effort*

**Should be a LA  
solution adopted?**



## System developers

*What are the user needs to be  
covered & what are the  
requirements?*



## Researchers

*What is the impact of LA on learning &  
orchestration?*

# Workshop goals

Learn about...

... main **issues** to consider

... a concrete way of tackling the **communication**

... among **teachers, researchers and system developers**

... when considering the **adoption** of a Learning Analytics tool in a concrete educational context

# Workshop methodology

- Focus on doing stuff (vs. hearing stuff)
- Individual work and small group work
- Emphasis on concrete proposals (vs. academic/philosophic discussion)
- Application to your own contexts and practice
- Gathering information (photos, notes, paper artifacts)

# Wait... gathering information? (Consent)

- **Purpose:** We are currently evaluating the framework presented here
- **Data:** If you agree, we will take photos, ask you for questionnaires, analyze the paper artifacts
- **Consent:** This is completely voluntary, if you have a problem with it, we will not gather data from you
- **Opt out:** You can withdraw from the research at any point
- **Impact:** No negative impact in the enjoyment of the workshop

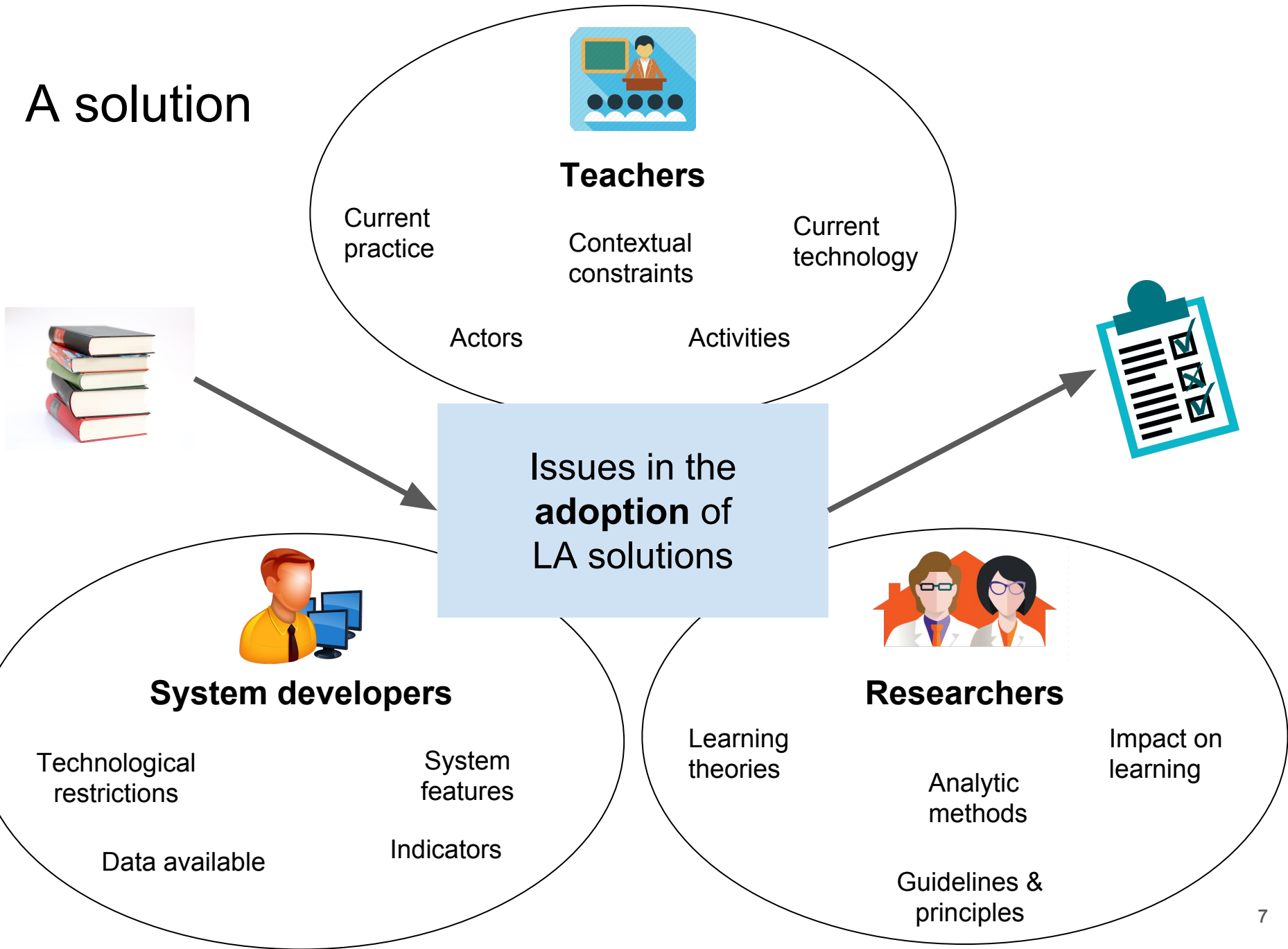


So... **does anyone have a problem with it?**

# Workshop structure

1. **Introduction:** OrLA framework
2. **Group activity:** hands-on activity using the OrLA framework
3. **Wrap-up, questionnaires and evaluations**

# A solution



# A first exercise (2 mins)

Write down in the paper with your name, 3-4 keywords related to:

- Your concrete educational **context** (if you are a **teacher**)
- Your Learning Analytics **tool** (if you are a **developer**)
- Your Learning Analytics research **innovation** (if you are a **researcher**)



# Group distribution: find your team (5 mins)

## Group 1:

- Teacher:
- Researcher:
- Developer:

## Group 3:

- Teacher:
- Researcher:
- Developer:

## Group 2:

- Teacher:
- Researcher:
- Developer:

## Group 4:

- Teacher:
- Researcher:
- Developer:

# Filling in the form I (15 min)

Take a form with the central part of your color and fill your part in



Teachers  
(yellow)



Researchers  
(blue)



Developers  
(green)

A screenshot of a form with multiple columns and rows. A large red circle highlights a central section of the form that has a yellow background. The form contains various text fields and checkboxes.A screenshot of a form with multiple columns and rows. A large red circle highlights a central section of the form that has a blue background. The form contains various text fields and checkboxes.A screenshot of a form with multiple columns and rows. A large red circle highlights a central section of the form that has a green background. The form contains various text fields and checkboxes.

# Filling in the form II (10 min)

Pass the form onto the next actor, and try to answer/comment on the responses provided there in the area assigned to your role



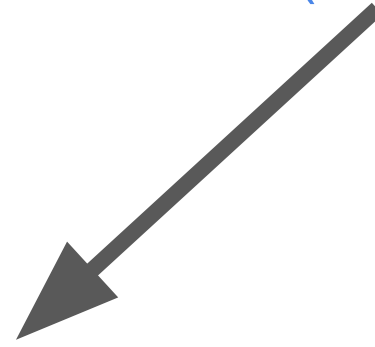
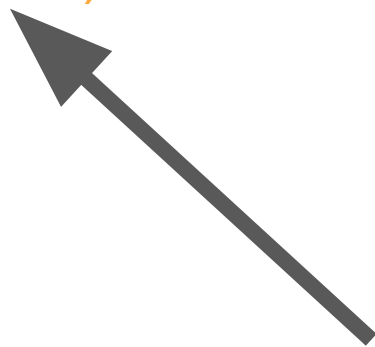
Teachers  
(yellow)



Researchers  
(blue)



Developers  
(green)



# Filling in the form III (10 min)

Pass the form again and comment again



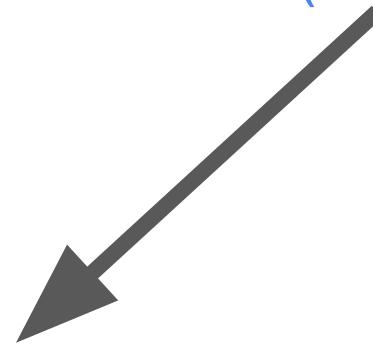
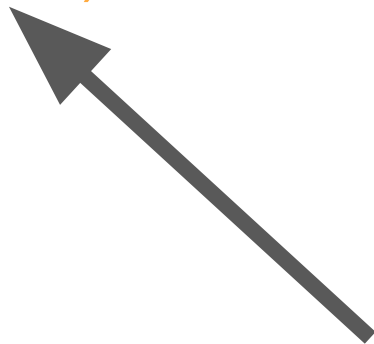
Teachers  
(yellow)



Researchers  
(blue)



Developers  
(green)



# Taking the decision (15 min)

Get together with the forms, **discuss whether the tool/solution should be adopted in that context and why**

Two overlapping forms for Teachers. The top form is yellow and the bottom one is green. Both contain various fields and checkboxes for evaluation.Two overlapping forms for Researchers. The top form is blue and the bottom one is yellow. Both contain various fields and checkboxes for evaluation.

Teachers

Researchers

Two overlapping forms for Developers. The top form is green and the bottom one is yellow. Both contain various fields and checkboxes for evaluation.

Developers

# Share your experience (1 min per group!)

1. Brief description about the educational context, tool, and innovation
2. What was the adoption decision? Why?
3. Did you get any ideas about:
  - a. How LA solutions can support your educational context?
  - b. How to adapt your LA tools?
  - c. How to adapt your LA innovations?



**SHARE YOUR STORY**

# Evaluating the OrLA framework I (5 min)

Please use the markers to point, in the forms your group just used:

- Which fields you found most important/revealing (+)
- Which fields you think are irrelevant ( -- )
- Which questions were not clear (?)

- Teachers: **red** marker
- Developers: **green** marker
- Researchers: **blue** marker



# Evaluating the OrLA framework II (3 min)

Please answer a short questionnaire about how you perceived the framework





# Next steps

- We will upload the slides and the forms to the workshop website
  - <http://lprisan.wix.com/orla2016>
- We will scan your group's forms and send it to you (for your archives)
- If you want to use the framework in your contexts/practice, feel free to do so... but we'd love to hear it!

Thank you! We hope you enjoyed it :)



<http://lprisan.wix.com/orla2016>

[orla.lasi2016@gmail.com](mailto:orla.lasi2016@gmail.com)