

Functional Programming with Effects

Seminar

Organisatorisches

Lehrstuhl Programmiersprachen

Jonathan Brachthäuser



Who are you?

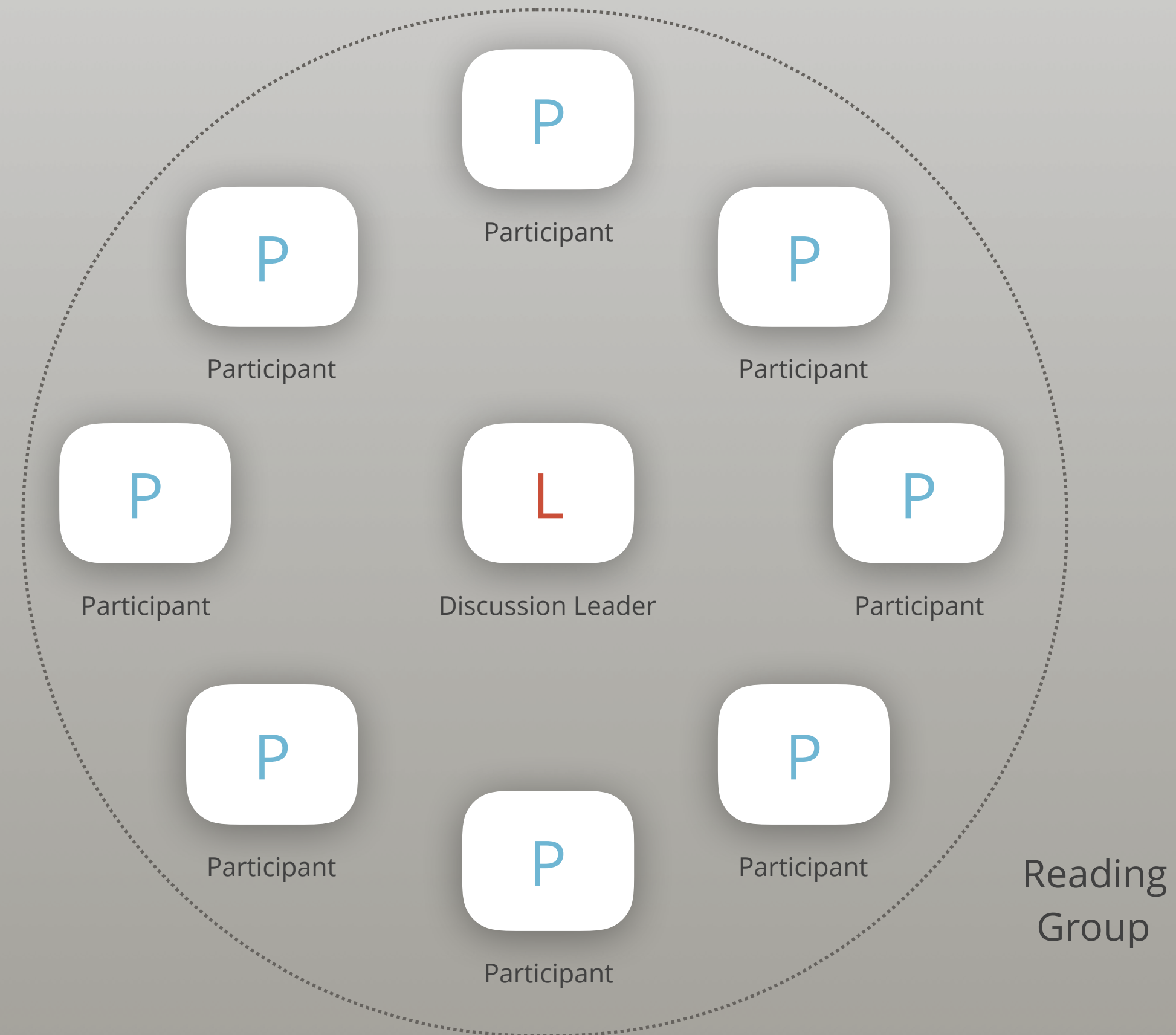
Let's take a brief moment to see who is here

- What's your name?
- What is your background in functional programming?
- What do you hope to take away from the seminar?



Discussion Seminar

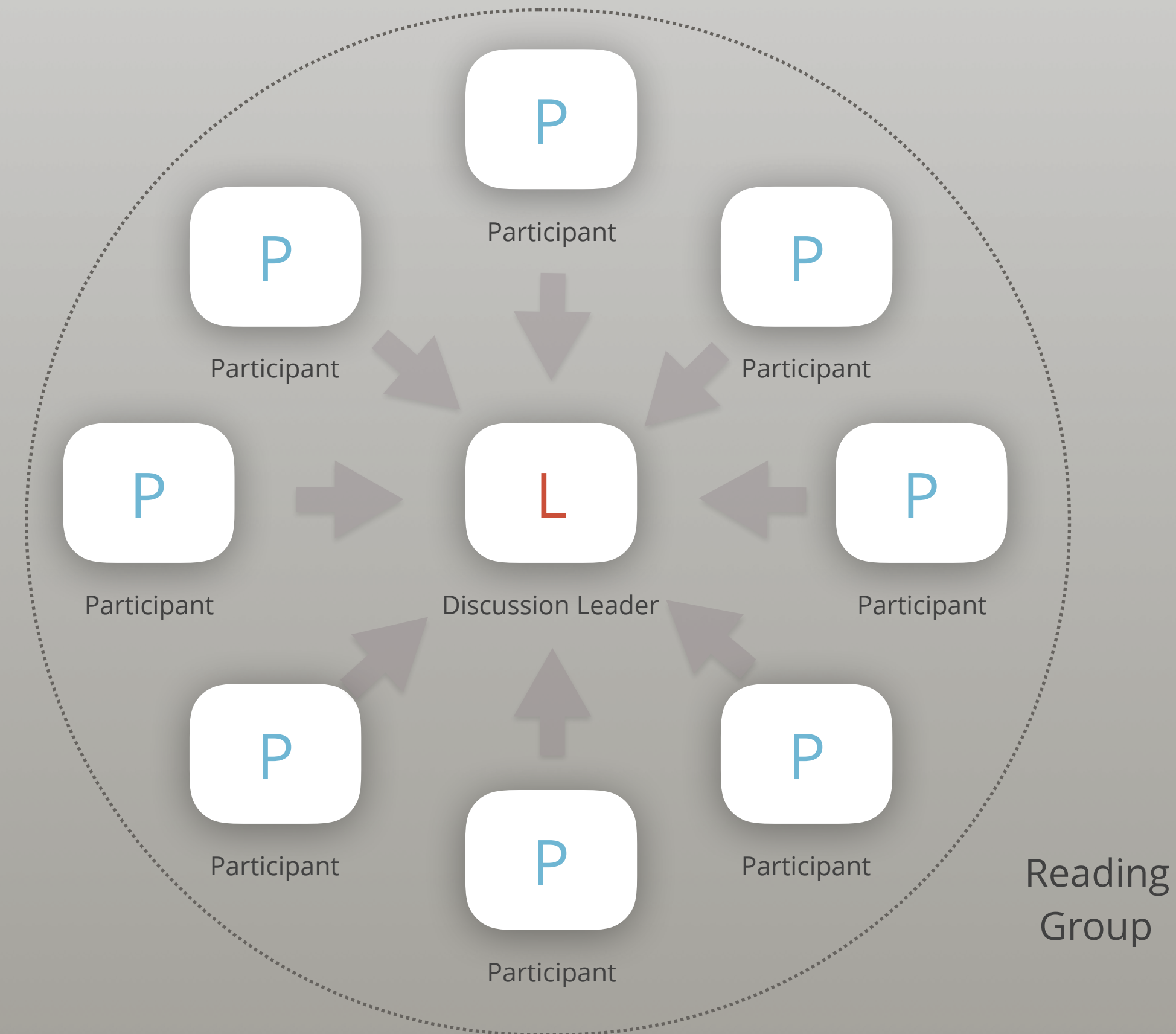
1-2 times you will take the role of a discussion leader



Discussion Seminar

Everybody reads the paper carefully and sends a summary / questions to the discussion leader

Guides on how to read papers can be found on the seminar webpage!



Summaries

Everybody reads the paper carefully and sends a summary / questions to the discussion leader

The summary should be no more than 2 pages and should contain:

- **a very brief summary of the background**

What is the (historical and technical) context of the paper?

What is the problem the paper solves?

- **a brief summary of the main contribution(s) of the paper**

What is the technical novelty? How does the paper solve the problem?

- **a discussion of the contributions**

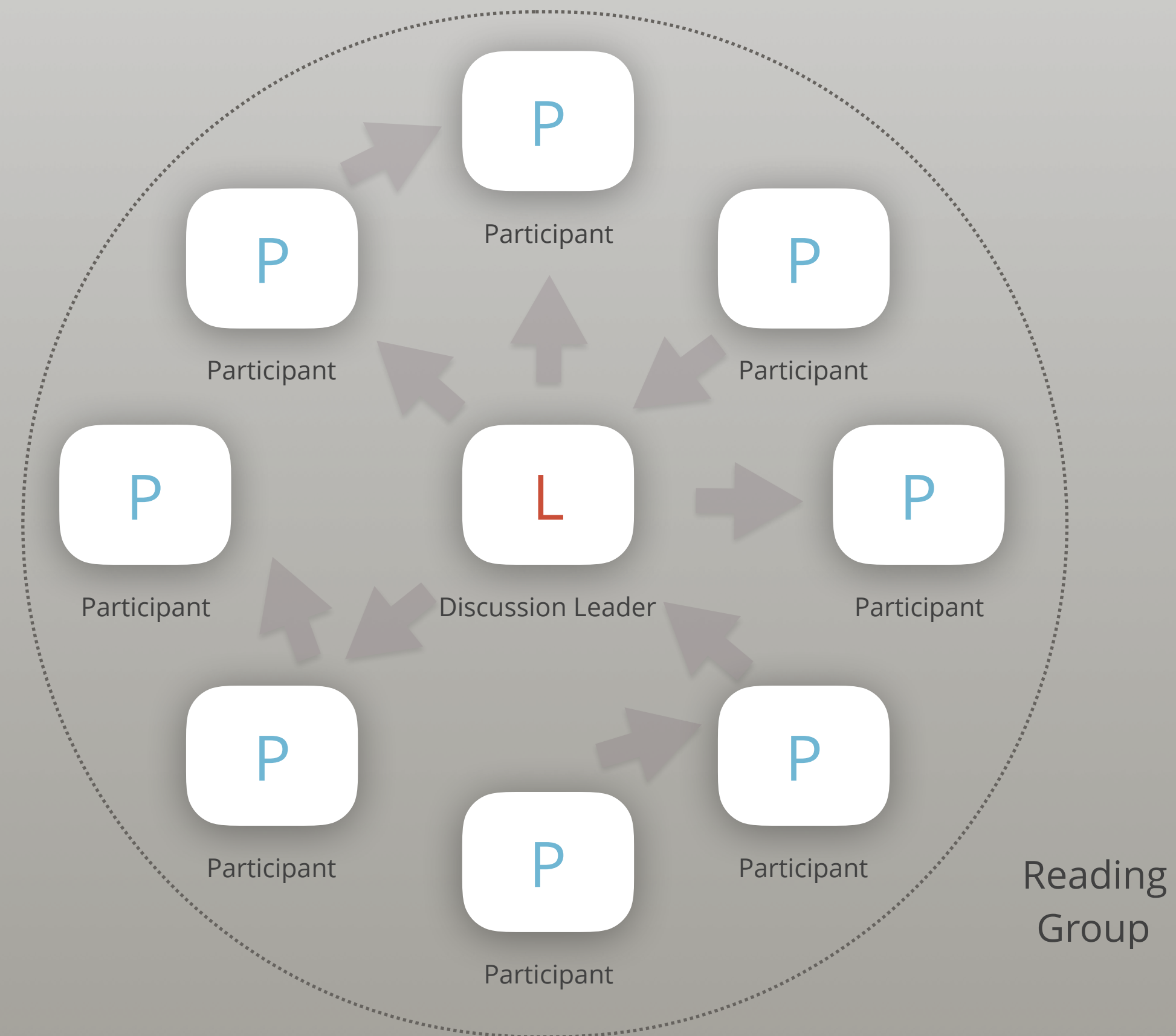
What are the drawbacks of the solution? What are threats to validity?

- **your understanding (most important aspect!)**

What didn't you understand? What would you like to discuss?

Discussion Seminar

As the discussion leader you collect the summaries, prepare the meeting and organize the discussion.



Discussion Leader

As the discussion leader you collect the summaries, prepare the meeting and organize the discussion. In particular, you ...

- **read** the paper very carefully
- **read** other related papers to understand the background
- **develop** a detailed knowledge of the presented material
- **apply** the proposed solution on examples (if practical and appropriate)
- **collect** all summaries and send them in one e-mail to me
- **read** through the summaries and collect common questions
- **organize** the structure in which it is best to walk through the paper
- **prepare** background information to present to the other participants
- **keep** the discussion on track and within the time-limit

if you want, you bring cookies to the meeting :)

E-Mails

Please send E-Mails regarding the seminar to:

jonathan.brachthaeuser@uni-tuebingen.de

Please send E-Mails with summaries and questions to the discussion leader.

To simplify e-mail processing, please start your subject line with "[EFF], i.e.:

[EFF] Handin summary of paper 3



Schedule

Doodle & Registration

Thursday, 18th April

First Meeting

Week of 29th April

Weekly meetings

Paper Handin

Friday, 11th October



Registration

In addition to registering with Campus, please register also with me. To register, please send an e-mail with the following information:

- Name
- E-Mail
- Studentid / Matrikelnummer
- Course of study
- Three paper preferences (you can also additionally propose other papers)



Weekly Timeslot

Please fill out the following Doodle by Thursday, latest:

<https://doodle.com/poll/hhr3huwh7iq94fnv>



Seminar Details

Masterlevel Seminar

3 LP

Grading Components

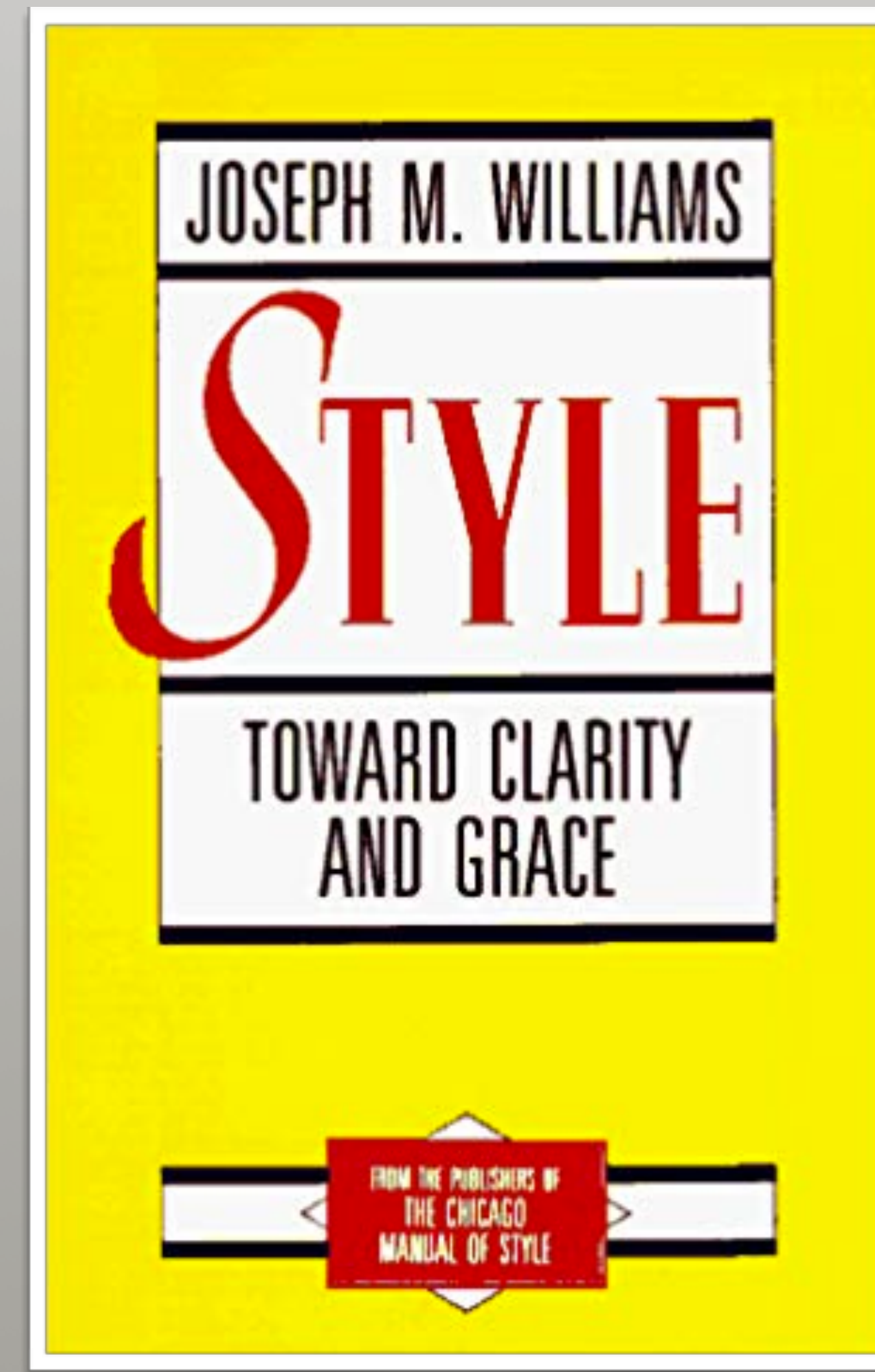
- Role of the discussion leader (well-prepared, background knowledge, organized and engaged discussion, ...)
- Role of a participant (well-prepared, good and frequent participation in discussions, ...)
- Termpaper



Term Paper

At the end of the seminar, you hand in a term paper on the topic you presented as a discussion leader. The term paper should ...

- have around 4-6 pages
- use the provided LaTeX template
- be written following best scientific standards
- summarize the discussed paper
- compare the discussed paper with related work
- discuss the results



Papers

Let's look at the papers!

