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TECHNIQUE/TECHNICAL

MATERIALITY

Our argument is that thinking about old games in an academic context involves considering three aspects of them more or less simultaneously: materiality; technique; and culture.

As in a trefoil knot, these aspects are deeply interrelated:

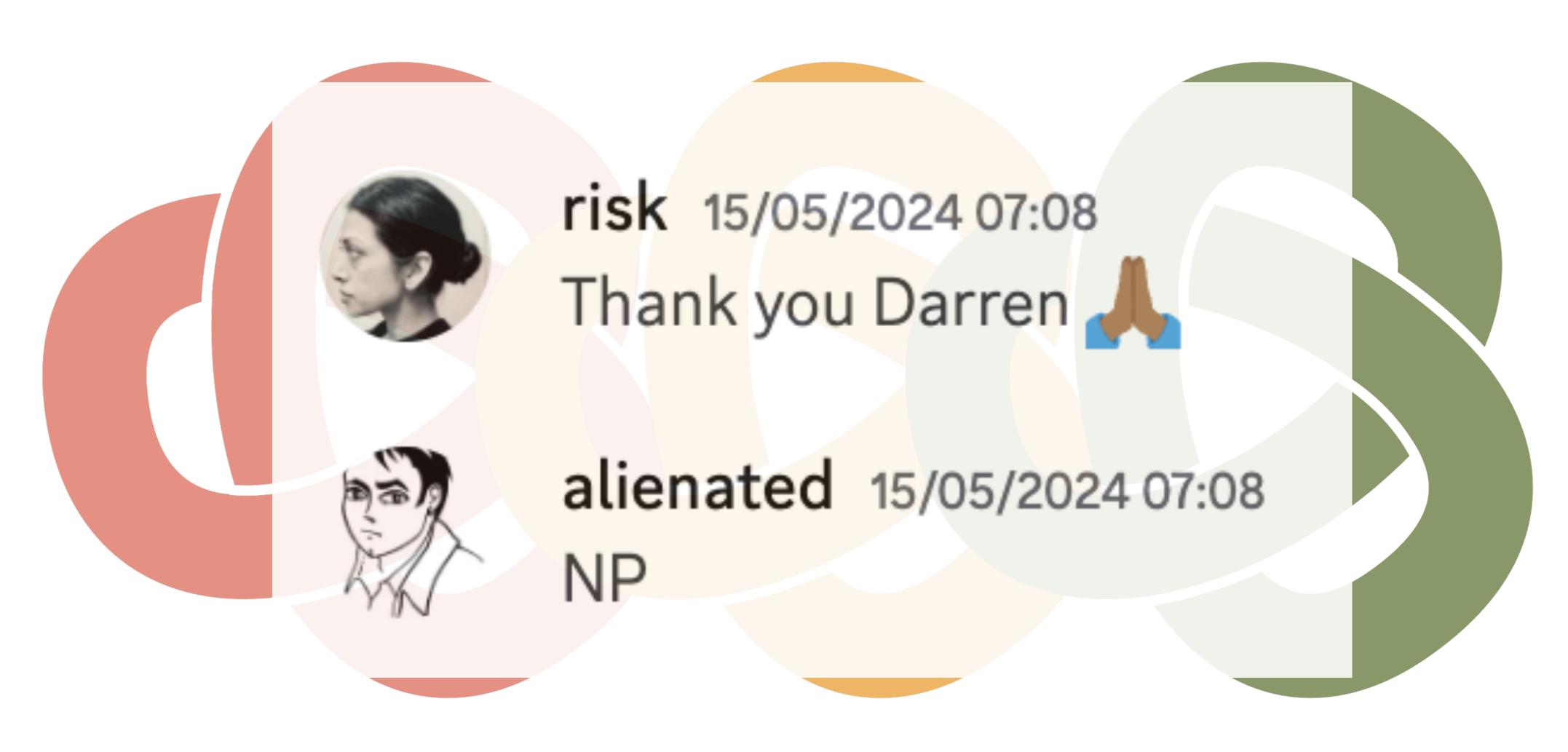
technique produces both the subject employing the technique and the object on which it is being exercised;

our sense of what something is and what we might do with it emerges out of the cultural — that is, interactions with (debates, arguments conversations) with others;

materiality sets the conditions for our embodied experience of them, and what it is possible to do with them.

When working with old games, one can begin anywhere in untangling this knot, but researchers will eventually find they need to travel through all three aspects of its circuit to say anything meaningful.

- TECHNIQUE/TECHNICAL
- MATERIALITY
- CULTURE



TECHNIQUE/TECHNICAL

MATERIALITY

DEVELOPMENT = DESIGN GAMES IN THE ACADEMY SERIOUS GAMES & SIMULATION GAMING GAMIFICATION CULTURE & REPRESENTATION INDIE/ALT/ART 1980 1990 2000 2010 2020 TECHNIQUE/TECHNICAL

MATERIALITY







DEVELOPMENT = DESIGN

SERIOUS GAMES & SIMULATION GAMING

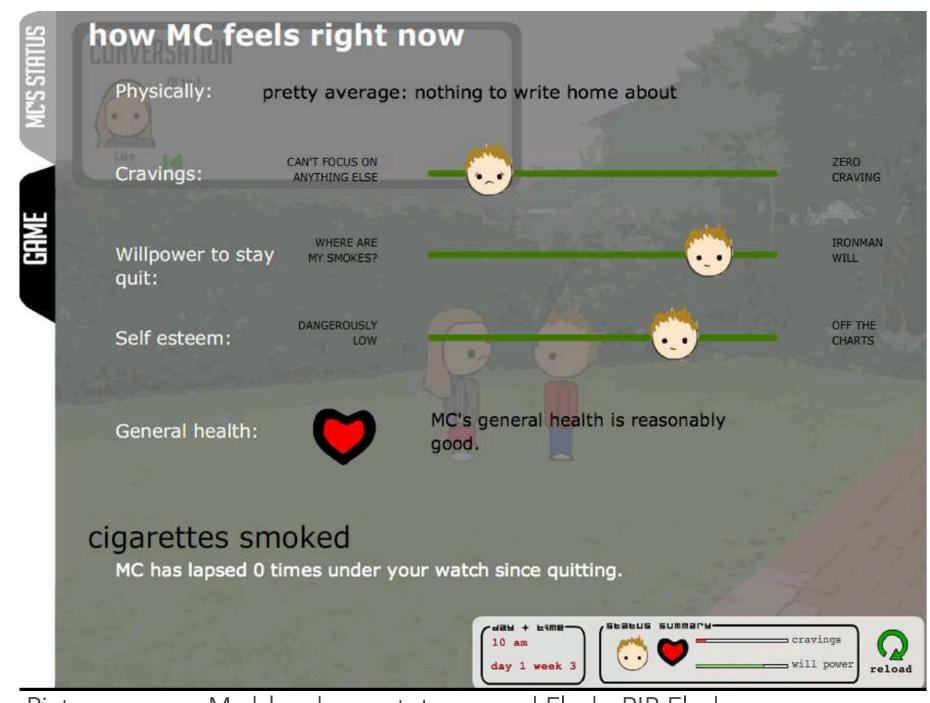
GAMIFICATION

## <u>CULTURE & REPRESENTATION</u>

INDIE/ALT/ART

TECHNIQUE/TECHNICAL

MATERIALITY



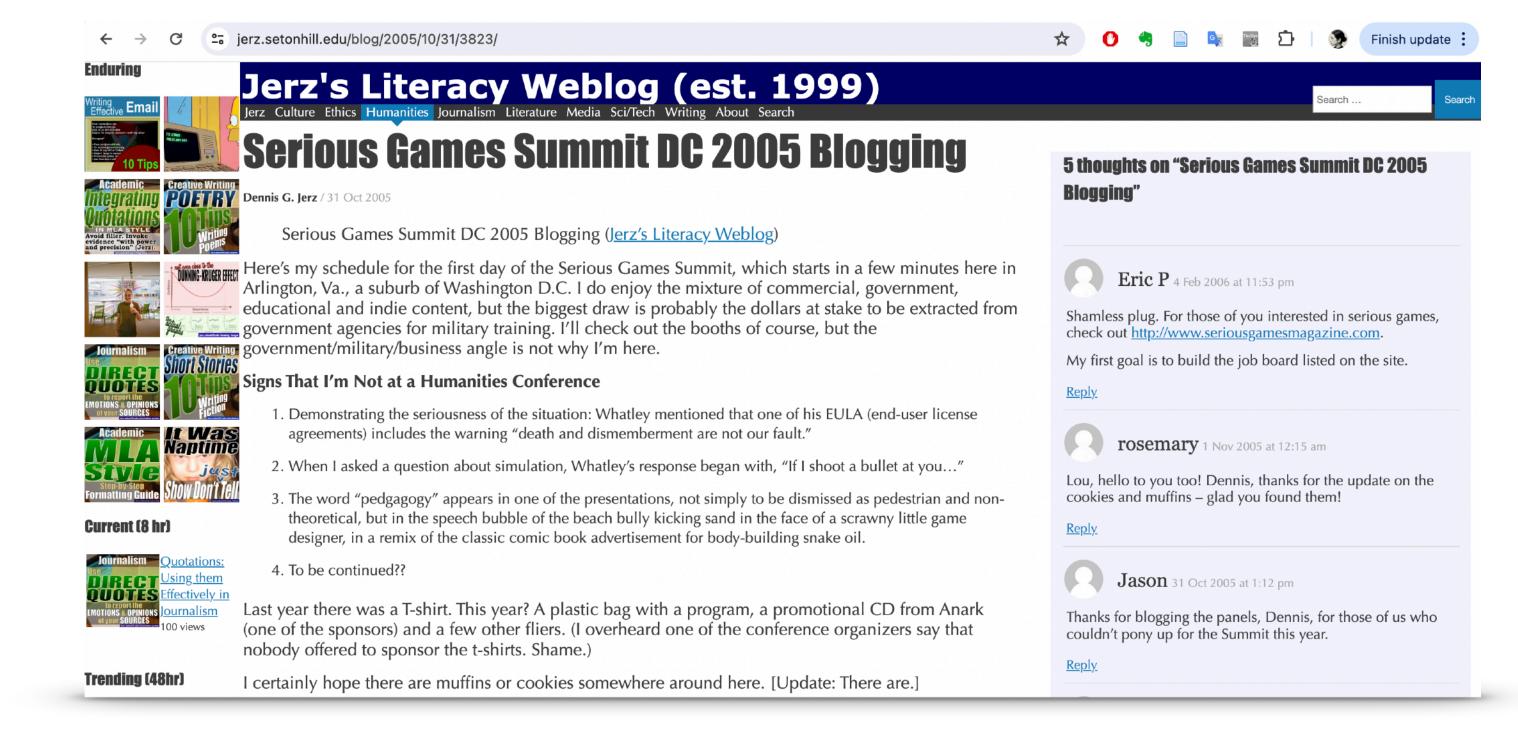
Picture source: My blood, sweat, tears, and Flash. RIP Flash.

## **SMOKE? V1** RILLA KHALED



Picture source: My blood, sweat, tears, and Flash. RIP Flash.

### **SMOKE? V2** RILLA KHALED



"the biggest draw is probably the dollars at stake to be extracted from government agencies for military training" DEVELOPMENT = DESIGN

SERIOUS GAMES & SIMULATION GAMING

GAMES IN THE ACADEMY

GAMIFICATION

CULTURE & REPRESENTATION

INDIE/ALT/ART

TECHNIQUE/TECHNICAL

MATERIALITY

"We are concerned with serious games in the sense that these games have an explicit and carefully thought-out educational purpose and are not intended to be played primarily for amusement. This does not mean that serious games are not, or should not be, entertaining."

— Clark Abt, Serious Games (1970).

### The New Professional Edition of:



#### What is BaFá BaFá?

A highly involving simulation in which participants experience diversity through the metaphor of "living" in a multicultural environment.

Utilizing BaFá BaFá, the director helps participants look at their organization through a "different set of lenses."

The experience enables participants to identify the practices, values, and attitudes that make it difficult for the organization to take full advantage of the diversity within its work force.

A post-simulation discussion/analysis helps participants understand the reasons behind the behavior they experienced and observed during the simulation. The experience creates a new awareness and appreciation of people from diverse backgrounds.

BaFá BaFá often serves as a metaphor for talking about diversity issues within the organization in a safe and constructive way.

#### How can BaFá BaFá be incorporated into your training?

- As a stand-alone experience to increase insight into diversity issues
- As an experiential module in a diversity workshop or training program
- As a diversity awareness training that identifies issues surrounding communication skills, sexual harassment, gender differences, effects of power, aging workforce, disabilities, cultural differences
- As a supplement to employee orientation programs, organizational development programs, or diversity task force programs.
- As a method for gaining buy-in and support for the goals of your company's diversity efforts.
- As a module in a team building course
- As an important module in Americans With Disabilities Act programs
- As a way to prepare employees for an overseas assignment

#### What does BaFá BaFá offer?

- Awareness participants become aware of how profoundly cultural differences can impact the behavior of people in an organization.
- Insight participants gain insight into the way stereotypes are developed, barriers created, and misunderstandings magnified.
- Dialogue participants are provided with a safe vehicle to discuss the ways cultural, physical and racial differences affect others as well as themselves.
- Issues participants identify diversity issues within the organization that must be addressed.
- Solutions participants create a plan for developing the potential of a diverse work force for the benefit of both the individual and the organization.

Participants develop a set of guidelines to help them work more effectively in a culturally diverse environment. In addition, participants take away an action plan for adapting to a work culture when he or she is the one who is different, and an action plan for coaching and working with people who are different.

• Now available in Spanish and Portuguese.

How many can participate? Eighteen to 300.

How long is the training?

The simulation takes 1 1/2 hours. The discussion may take 1/2 hour to 4 hours depending on the goals of the training session.

For more information call:

858 450-3400



Simulation Training Systems www.SimulationTrainingSystems.com

- Learning from a game isn't like delivering medication from a pill. You need external facilitation and discussion and reflection to make it stick.
- Educators need materials and support for how to use learning games, so develop secondary learning materials.

Picture source: https://www.simulationtrainingsystems.com/professional-bafa-bafa-at-a-glance/

DEVELOPMENT = DESIGN

SERIOUS GAMES & SIMULATION GAMING



GAMIFICATION

CULTURE & REPRESENTATION

INDIE/ALT/ART

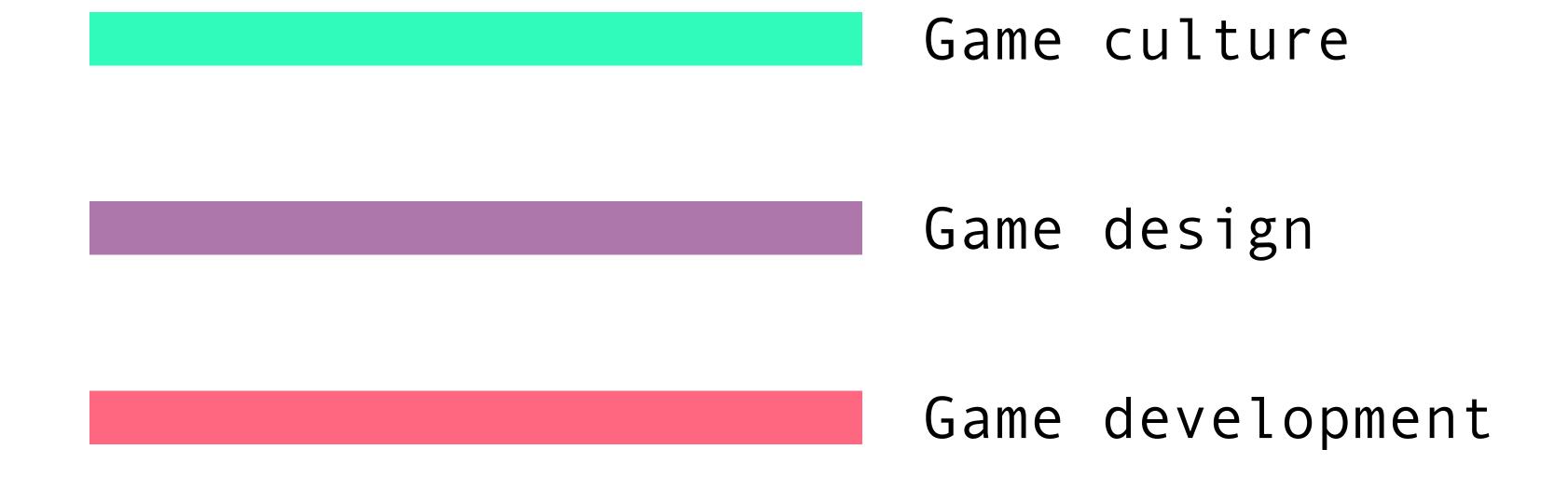
\* 1980 1990 2000 2010 2020

TECHNIQUE/TECHNICAL

MATERIALITY

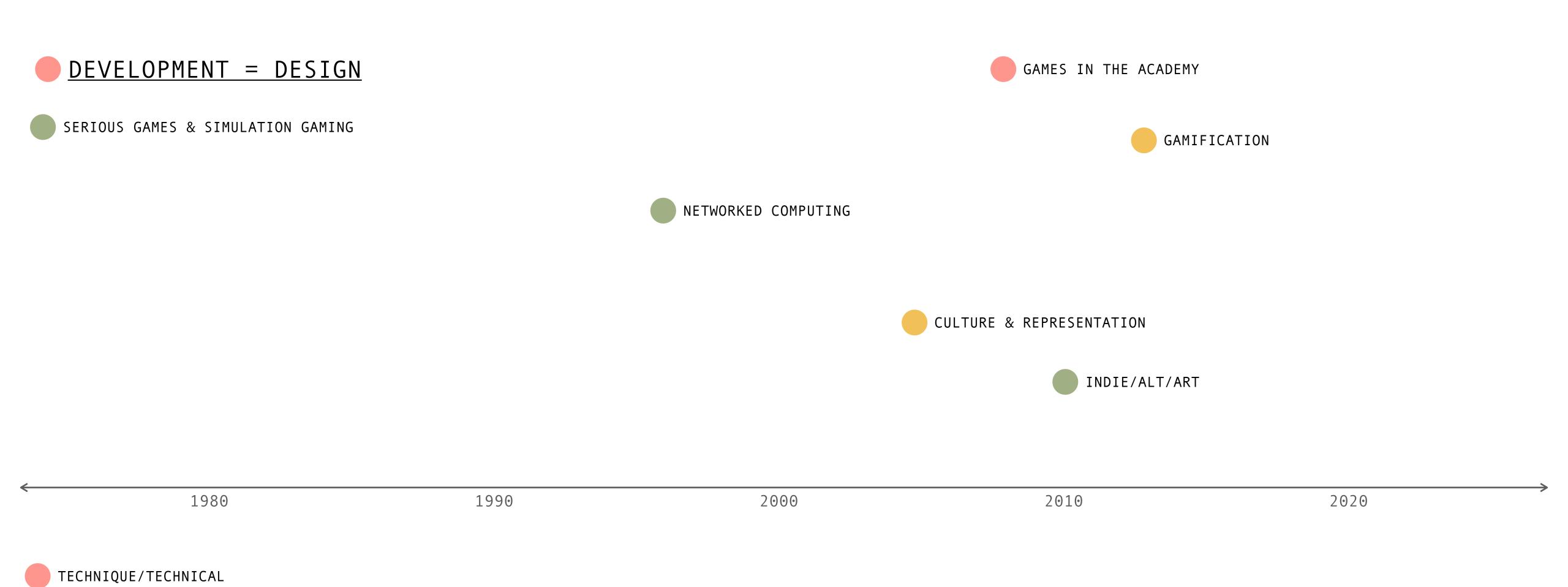


Picture source: Rilla Khaled

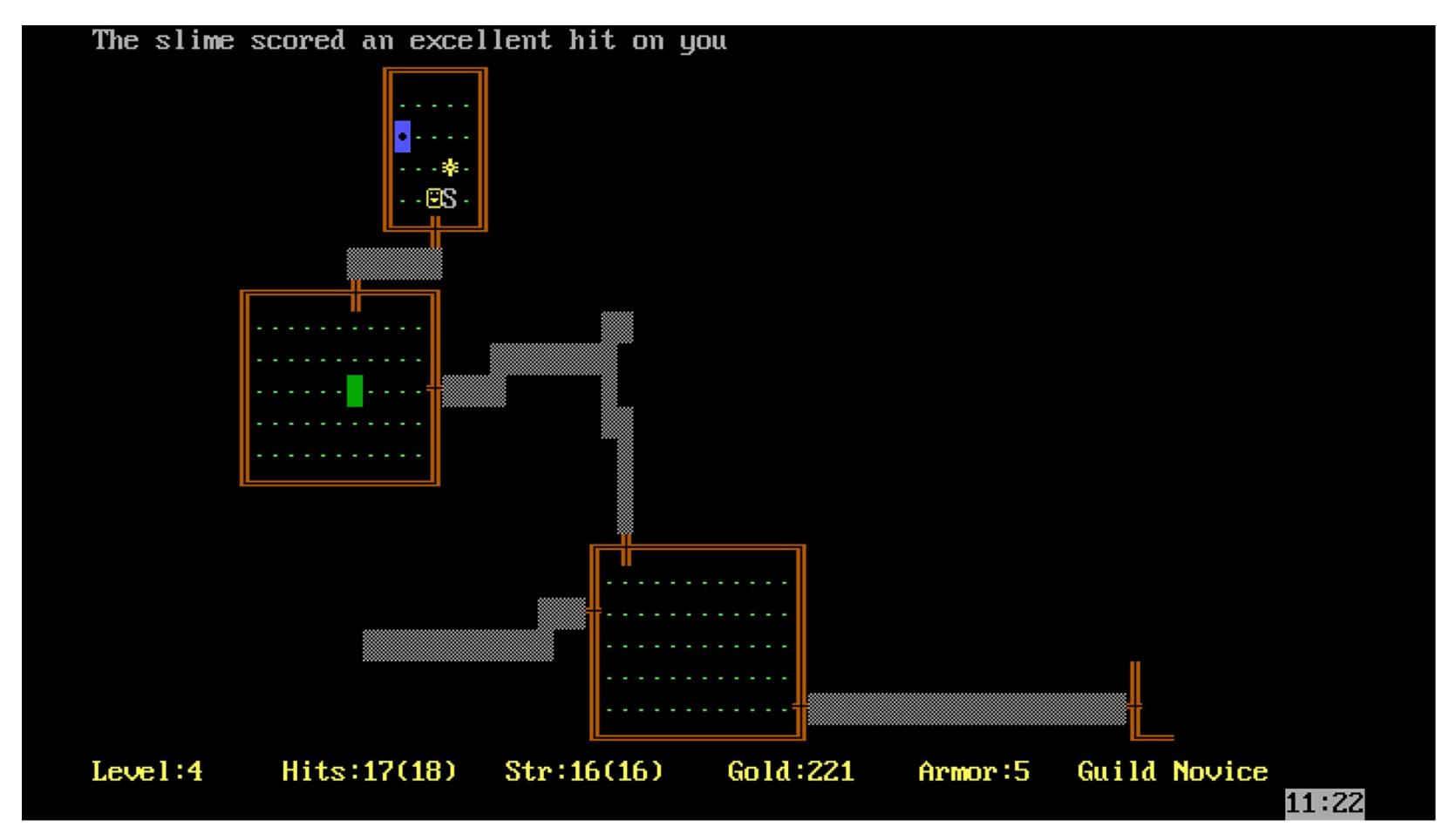


# DESIGN != DEVELOPMENT != CULTURE





MATERIALITY



Picture source: https://store.steampowered.com/app/1443430/Rogue/

ROGUE. MICHAEL TOY, GLENN WICHMAN, KEN ARNOLD, JON LANE.



Picture source: https://store.steampowered.com/app/1443430/Rogue/

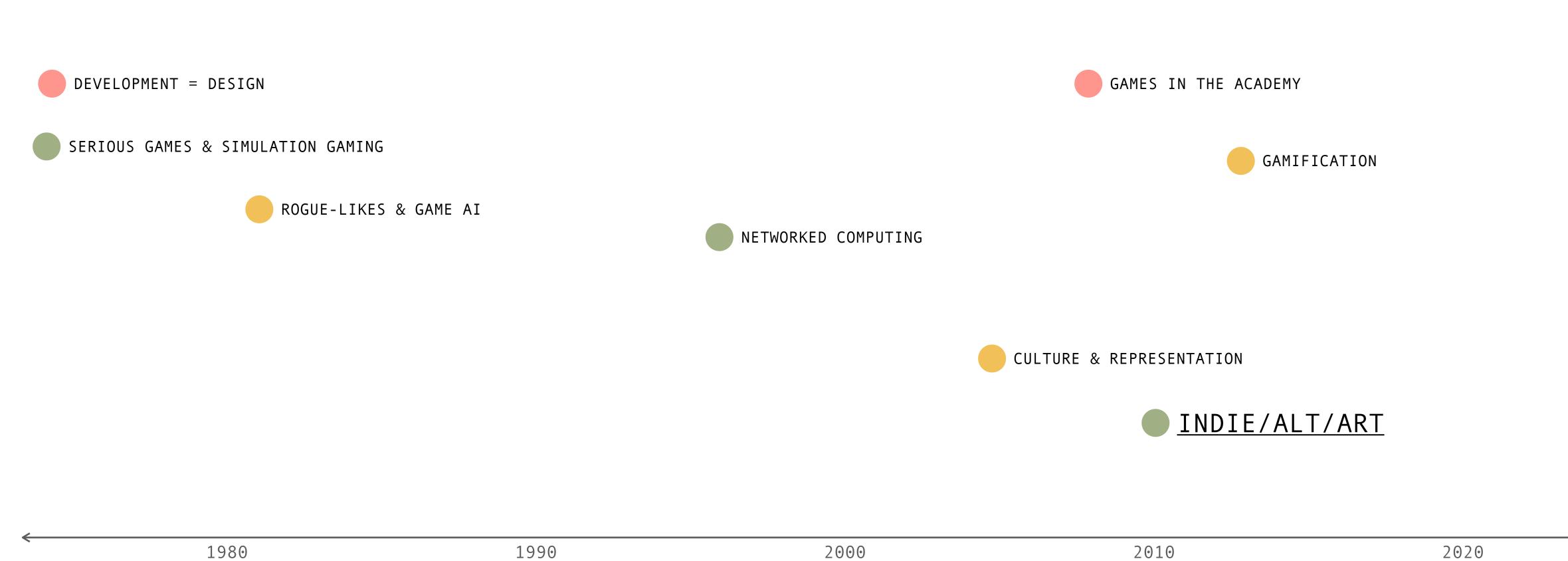
THE MAKING OF PRINCE OF PERSIA. JORDAN MECHNER.

May 17, 1986

I think the best way to do the digitizing for the game may be to shoot it in Super 8, put it on the Moviola, then train the video camera on the screen and feed it directly into the digitizer. That'd result in a cleaner picture, eliminate the freeze-frame noise. Also, I could manipulate image size by zooming in and out.

One disadvantage is the hassle of getting Super 8 film developed. And I'd need a movie camera as well as a video camera.

How's this: Buy a video camera now, shoot on video the best I can, digitize it – noise and all – and use it as a dry run placeholder, while I program the rest of the game. Then shoot the final stuff on Super 8 once I have a clearer idea of what I need.

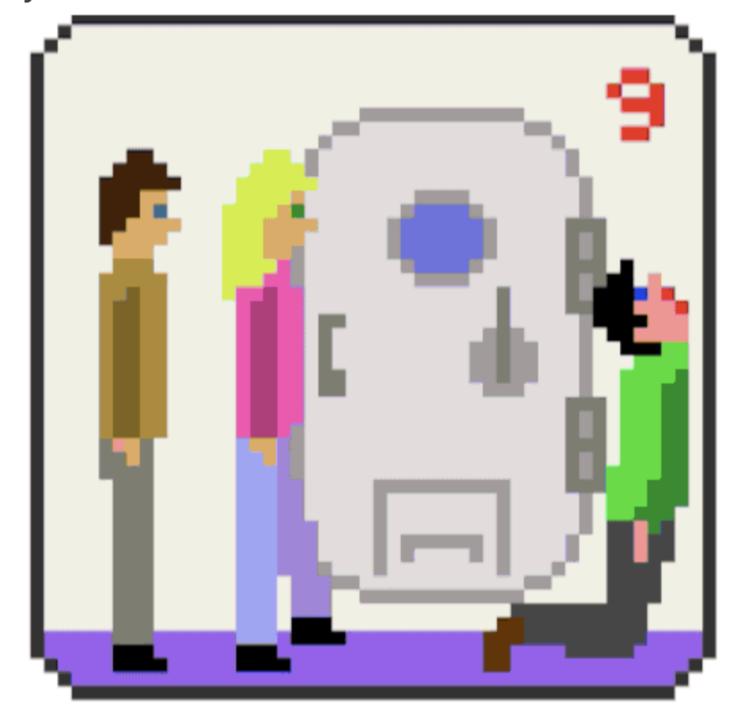


TECHNIQUE/TECHNICAL

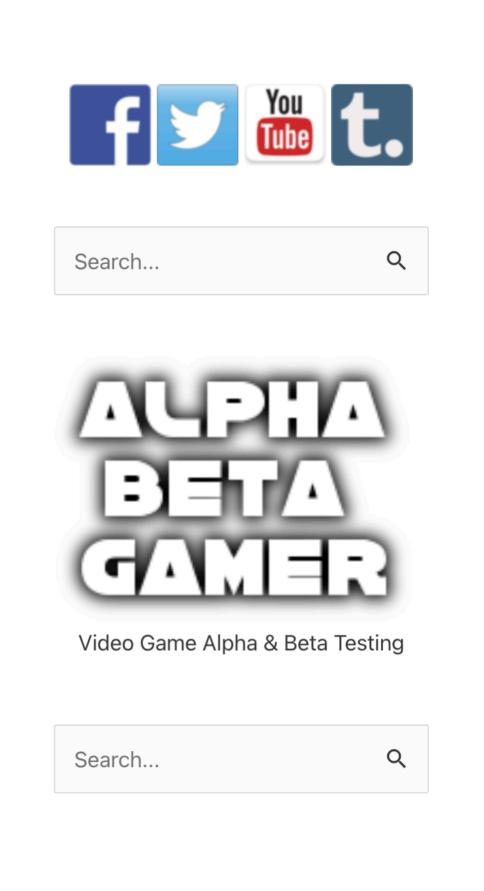
MATERIALITY



## Safety Instructions – Browser Game



Safety instructions is a fabulously funny little typing game in which you must type out your actions in order to escape an airplane crash in one piece.





Picture source: https://pippinbarr.com/the-artist-is-present/info/images/the-artist-is-present-banner.png

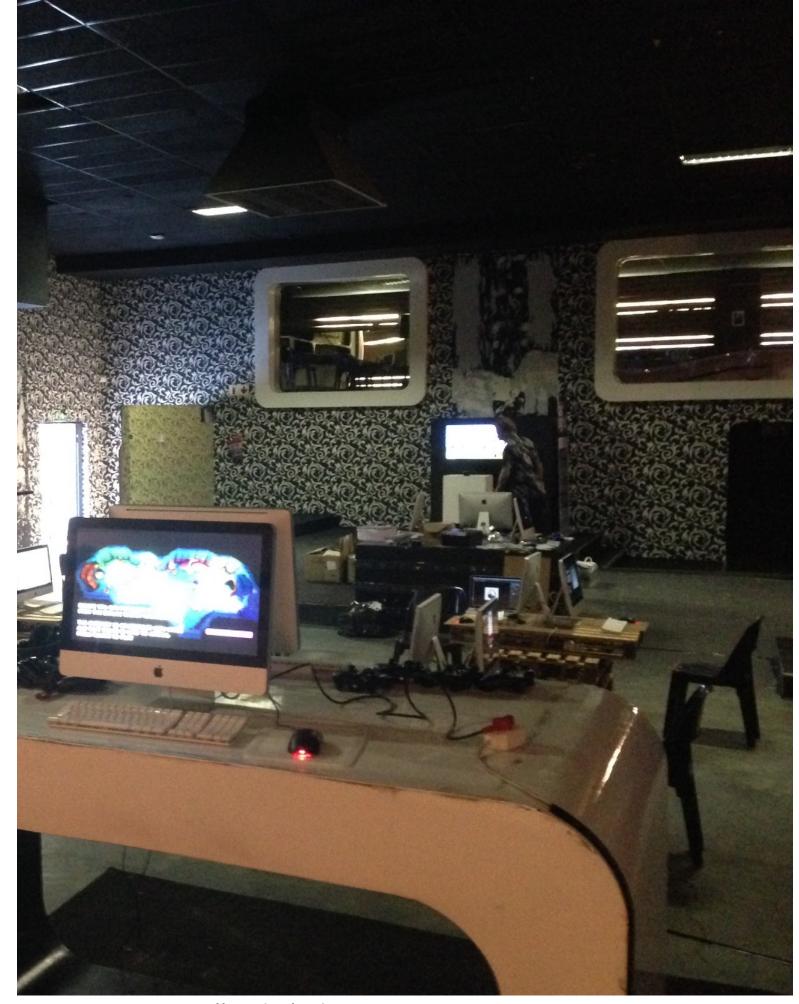
THE ARTIST IS PRESENT. PIPPIN BARR.

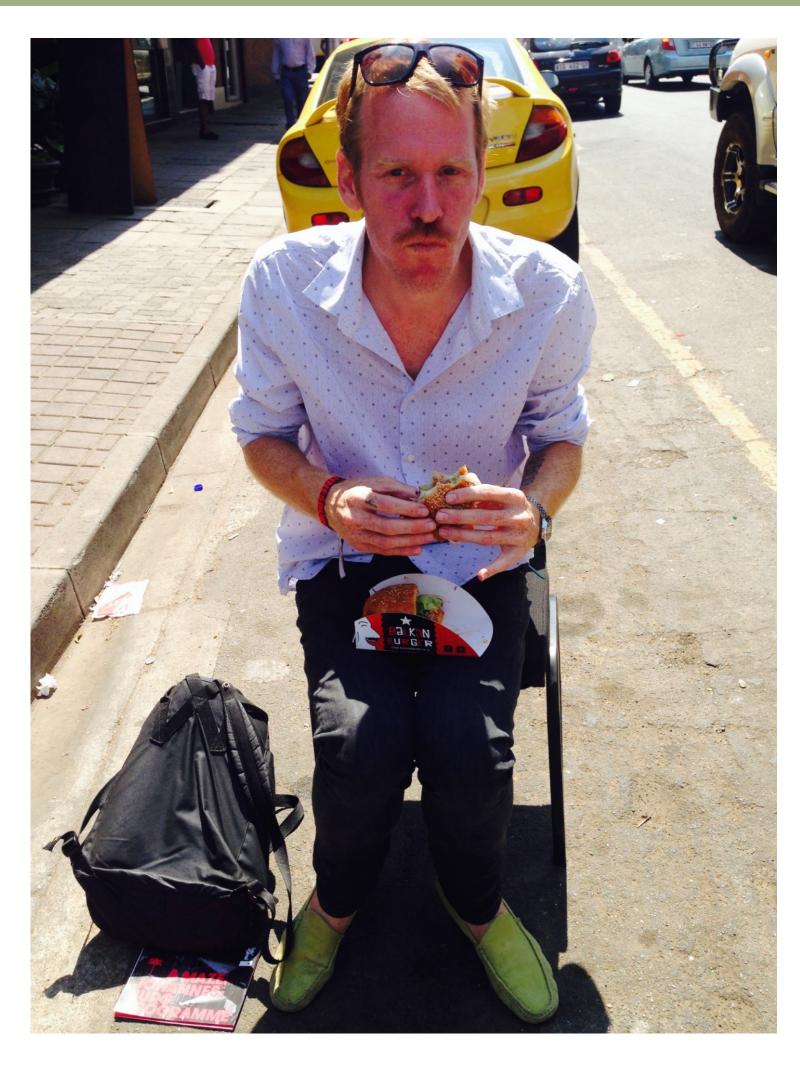


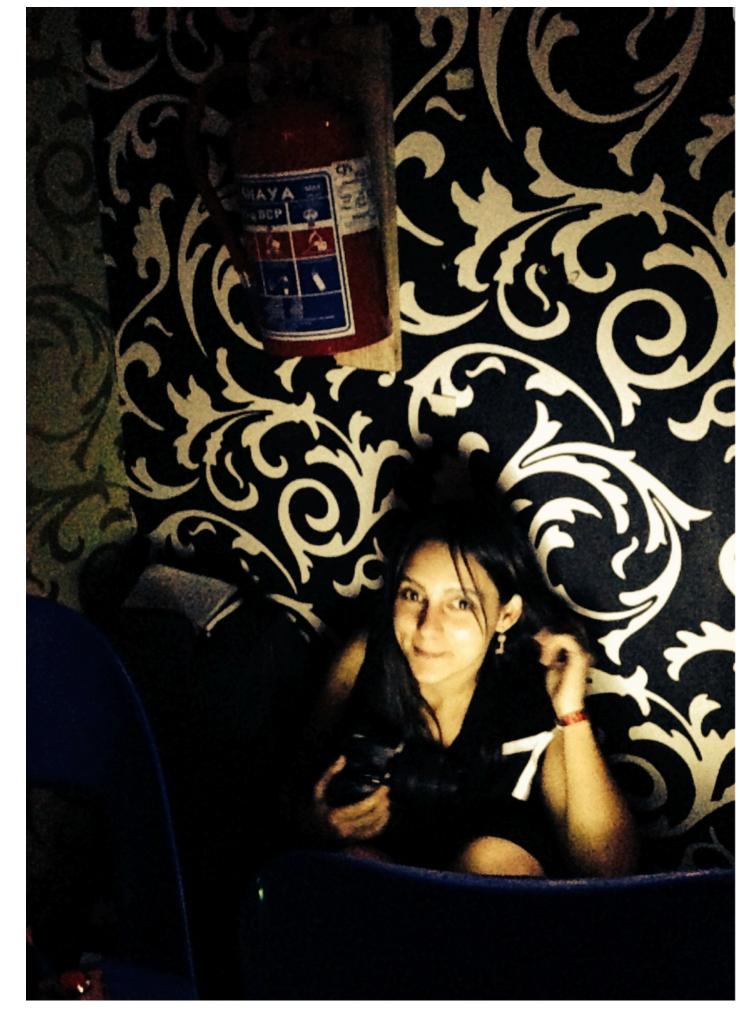
Picture source: https://media.npr.org/assets/img/2014/05/07/jsjoust-brent10\_wide-ef57919065645cc4111c4ab7c1fbc538cfd240cc.jpg

## J. S. JOUST. DIE GUTE FABRIK.

# INDIE/ALT/ART, 2010+







Picture source: Rilla Khaled

**AMAZE JOHANNESBURG 2014** 

DEVELOPMENT = DESIGN GAMES IN THE ACADEMY

SERIOUS GAMES & SIMULATION GAMING

GAMIFICATION

CULTURE & REPRESENTATION

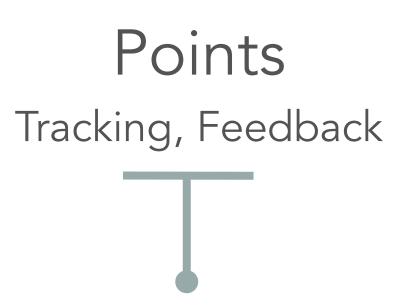
INDIE/ALT/ART

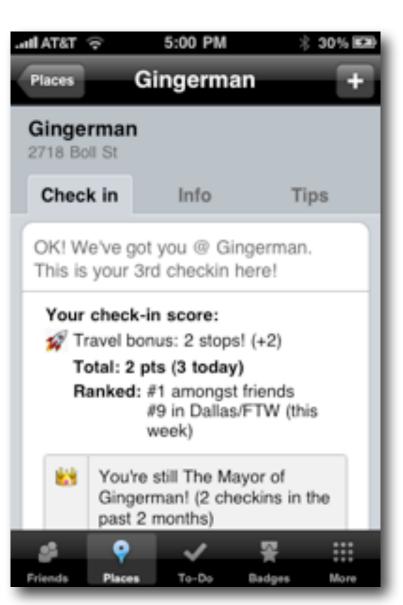
**←** 1980 1990 2000 2010

TECHNIQUE/TECHNICAL

MATERIALITY

# AS IMPLEMENTED IN INDUSTRY

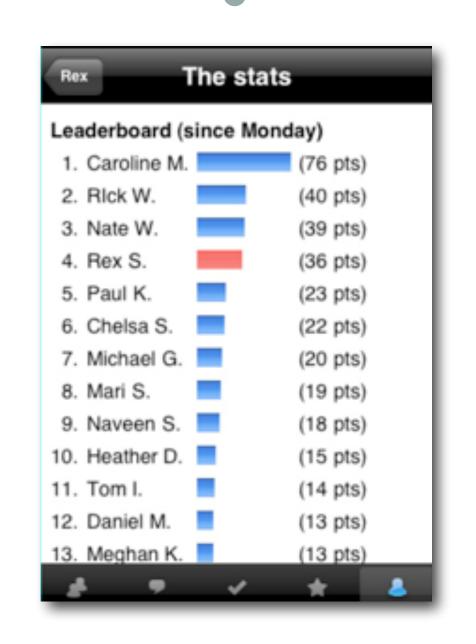














Rewards



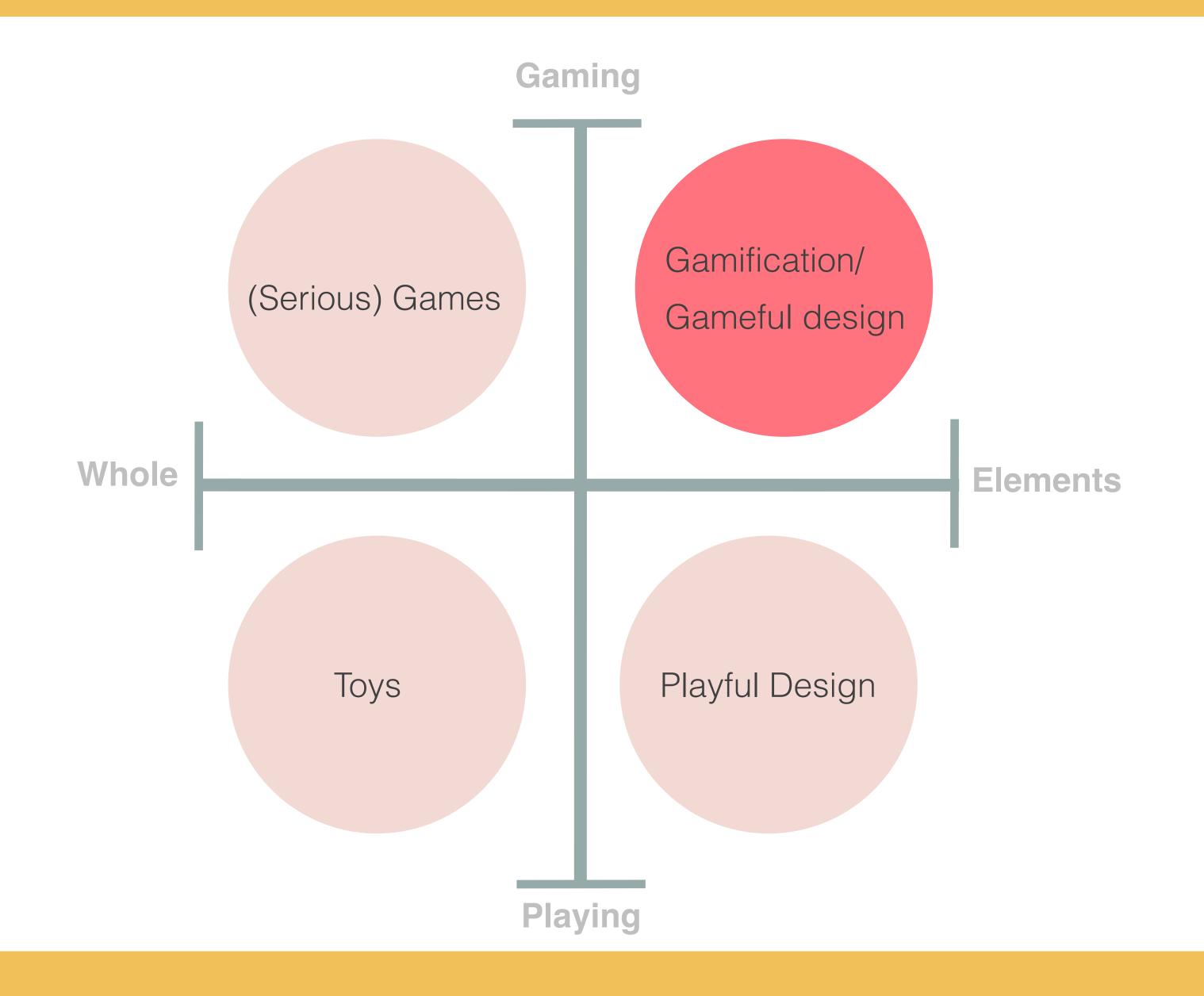


# GAMIFICATION DEFINED

"The use of game elements in non-game contexts"

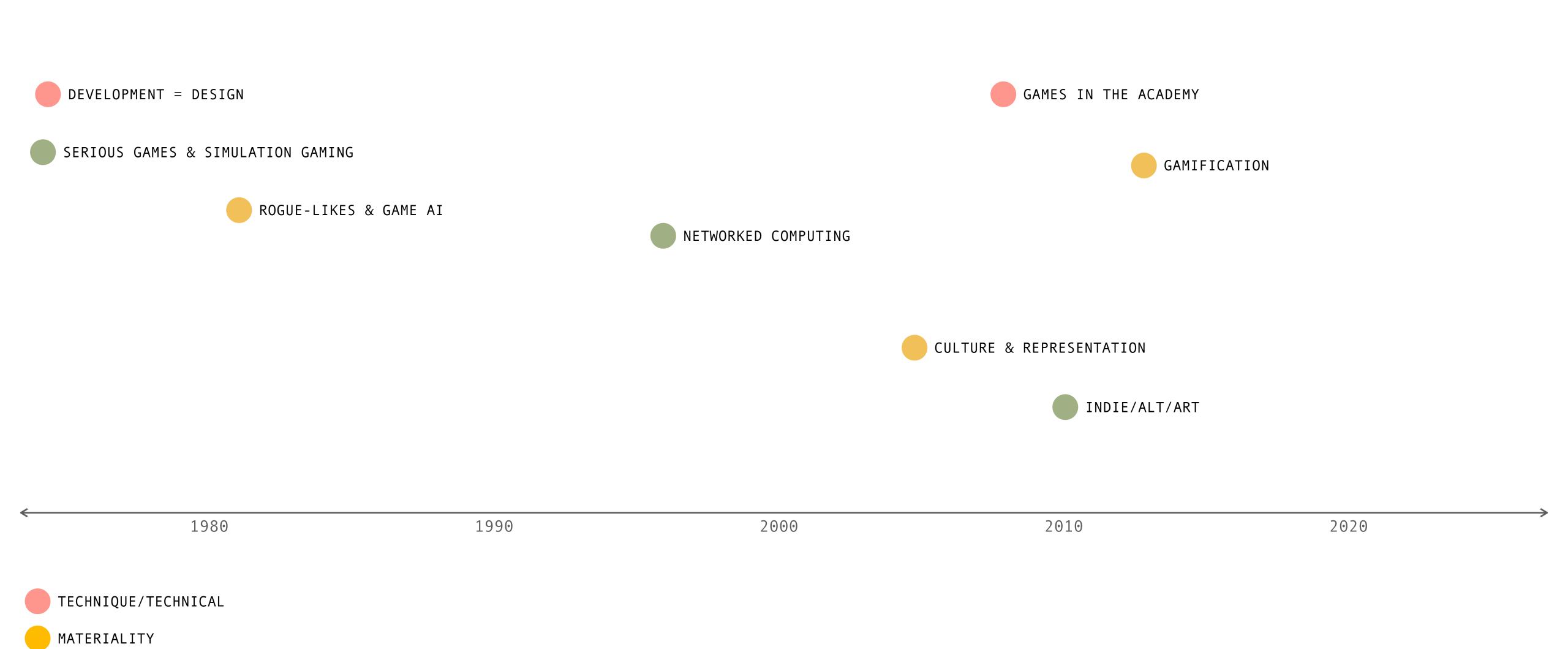
### Source:

▶ Sebastian Deterding, Dan Dixon, Rilla Khaled, and Lennart Nacke. 2011. From game design elements to gamefulness: defining "gamification". In Proceedings of the 15th International Academic MindTrek Conference: Envisioning Future Media Environments (MindTrek '11).



## GAMIFICATION EMERGES, 2011+







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