

9:00 Welcome: Sherry Lassiter, Megan Smith, Joel Cutcher-Gershenfeld

9:05 Collaborative exercise: Beno Juarez

9:15 Look Ahead to the Solutionspolooza: Megan Smith

9:20 Systemic All-in Impact

- Gender Inclusion: Nuria Robles, Fab Lab León, Spain
- Neighborhood Outreach: Dan Meyer, Chicago MSI, United States
- Rural Sustainability: Pradnya P Shindekar, Pioneer edu tech pvt ltd, India
- Intentional Inclusion: Felicity Mecha, Kenya

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All-In = Anyone/ **Everyone +** All Topics Belong

Scout/Surface & Scale...



Beno Jaurez, Fab Lab Peru: He was a happy professor in a Peruvian

Nuria Robles Miguélez, Fab Lab Léon: She is a mechanical





Rico Kanthatham, Fab Lab Kamakura: He was born to Thai and

Felicity, FabAcademy: Electrical engineering and communications



Frosti Gislason : The Provert Manager for two Fah Labs, in Reflerd, one run by

Dan Meyer, Chicago Museum of Science and Industry: Doget remenufacturing





Enrico Bassi, OpenDot: Enrico graduated with a degree in Design & Engineering

Belonging, Impact, Composition, Infrastructure, Engagement, Fun, Decentered/All-In/Anyone-centered (already in our network)solution making through inclusion



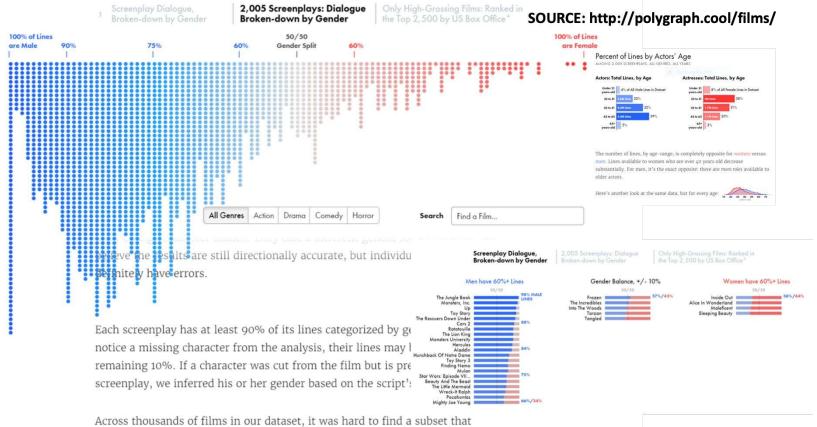








Data: Unconscious and Institutional Bias in Media example



Across thousands of films in our dataset, it was hard to find a subset that didn't over-index male. Even romantic comedies have dialogue that is, on average, 58% male. For example, *Pretty Woman* and *10 Things I Hate About You*

All-In = Anyone/Everyone, All Topics



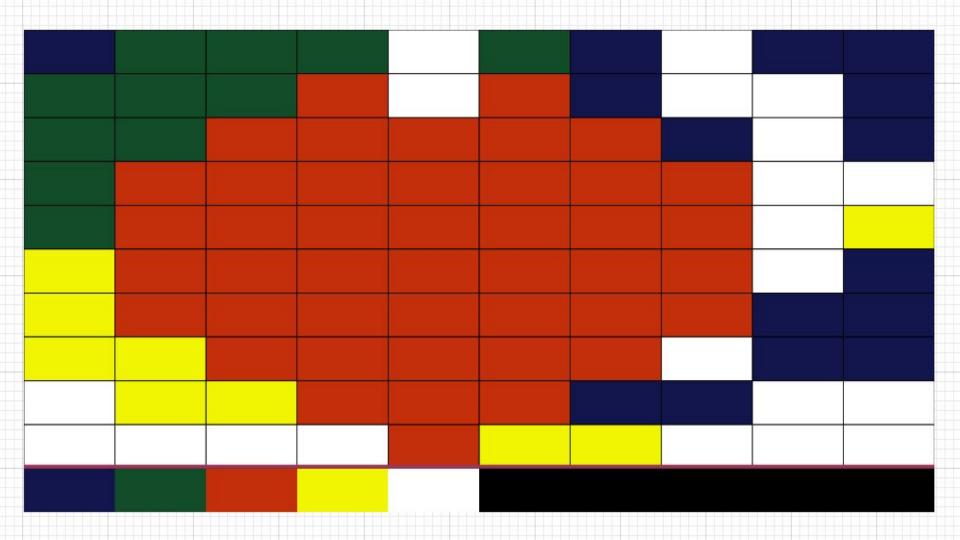
https://www.goodreads.com/en/book/show/24694140-ada-byron-lovelace-and-the-thinking-machine





"....one thinks of all the hands, that are raising dingy shared, in a thousand furnished rooms." (imbalanced industrial ages) https://www.poetryfoundation.org/poems/44214/preludes-56d22338dc954 "In Effort There is Joy" expand our frameworks, capacity, listening, acceleration of others





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Gender inclusion : still much to do



all evels of political lead

enthin Arross the clone

women and only perform

ity have brought about.

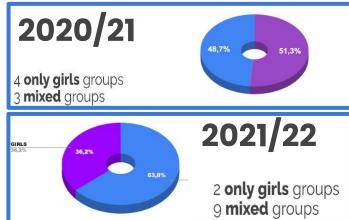
improvements in some areas, child martispe an -SDG 4 and 5 help to bridge the gap

- -% girls decreases in mixed groups
- -start early (7 years)

-involve families

-connect with the rest of the world

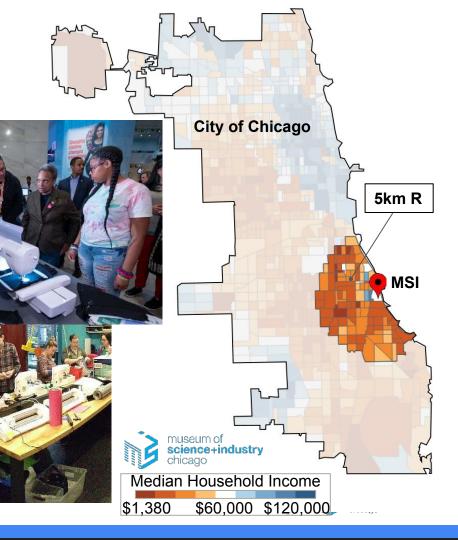
🛉 🛉 % girls & boys





Neighborhood Outreach Museum of Science and Industry, Chicago Fab Lab

- Education Department
- 5 km Radius: Highest Priority
 - Make_X Program 0
 - FabYOUth (Students) 0
 - ProDev (Educators) 0
- Connect with community
 - Walk to schools 0
 - Meet Principals and Educators 0
 - Lunch time demos (FabYOUth) 0
 - Inform of ProDev (Educators) 0



Rural sustainability (Connect, innovate, inspire)







- 1) Distributed rural Fab lab
- 2) Skill development training program
- 3) Accreditation by Indian Govt NSDC
- 4) Livelihood training center
- 5) Self employed
- 6) Teacher training program based on digital fabrication







Intentional Inclusion









Assess Needs



Set goals

Engage



Collaborate

Measure



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bio digital **FROM PREDATIVE TO REGENERATIVE** Beno Juarez Amazon, Peru | beno@fablablima.org

JAGUARS SCHOOL 🕅

ThriveAbility is not about abandoning the past in favor of a new way. It's about...picking up the tools of the modern world to bring forward the wisdom of our past.





Circular Economy with Natural Materials Using organic waste to make local biomaterials

materiom



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How to Run a *Noodle* Shop



Niniwanted/Jenny Lelong

Applying Small Business Principles to Sustain a DEI+ Community Fablab

The Skylab Workshop Experiment















No Longer a Luxury





Distributed program at the intersection of Textiles, Digital Fabrication and Biology.

Founded in 2016 by Anastasia, Cecilia and Fiore with the goal to expand the fab lab infrastructure, skills and audience to textiles, bioengineering, arts and crafts.

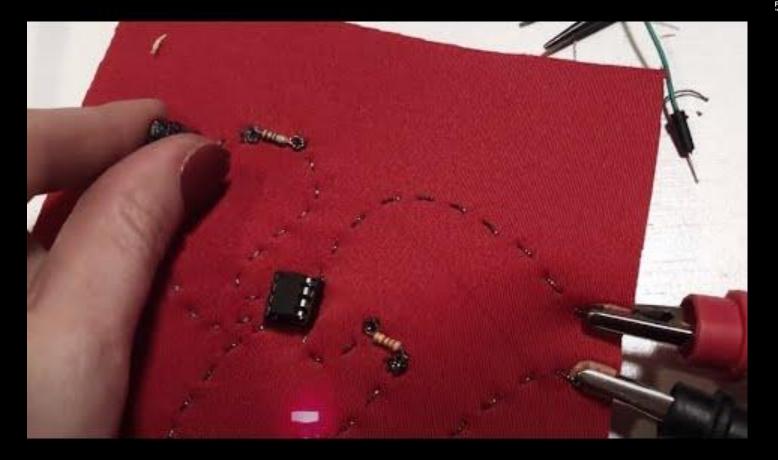


FABRICADEMY TEXTILE & TECHNOLOGY ACADEMY



55,14% EUROPE
 7,57% ASIA
 4,32% MIDDLE EAST
 1,08% AFRICA
 14,59% NORTH AMERICA
 17,3% SOUTH AMERICA





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#WHTechMeetup



Girl Develop It



Rec2Tech



Red Hook Initiative



Code Crew NYC



Digital Nest



All Star Code



Albuquerque, Anchorage, Atlanta, Baltimore, Billings, Boise, Boston, Boulder, Charleston, Chicago, Columbus, Detroit, Hoboken, Huntsville, Iowa City, Kansas City, rural Kentucky, Las Vegas, Lexington, Martinsburg, Minneapolis, Myles, Nashville, NYC, Omaha, South Orange, Watsonville, Wilmington

WebDev * UX * Mobile * TechWomen * Design * Enterprise * etc!







PITO - PRODUCT IN TRASH OUT



Sharing Global Knowledge

through Digital Seasystems

Applying Bioregional Ecyclopment

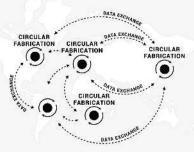
Developing shared urban and Terr for al Strategies

Collizisting Networks of Communities and Cities

Incubating and accelerating importation projects.

Enabling new four a to learn the mille for the feture

Developing technologies and infrastructure for distributed production



DIDO -DATA IN DATA OUT

THE FAB CITY FULL STACK PROVIDES AN ACTIONABLE FRAMEWORK TO HOW WE WILL MAKE FAB CITIES POSSIBLE

AND BECOME THE CENTRAL TOOL TO DEVELOP STRATEGIC ACTION PLANS FOR CITIES AND REGIONS

41 members from 21 countries

New members pledge to produce (almost) everything they consume by 2054 and join the Network at the annual Fab City Summit.

Organisation

| (+) | (+) | |
|--|---|--|
| GLOBAL | GLOBAL | |
| Network | Collective | |
| Network of cities, regions and settlements that have taken up the challenge to move towards local production by 2054. | Individuals and organisations who have been instrumental in establishing the goals and objectives of Fab City. | |

Boston Zagreb Toulouse Thimphu Paris Shenzhen Santiago Georgia Velsen Curitiba Seoul **Occitanie Region** Oakland Puebla Somerville Mexico City Detroit Auvergne-Rhône-Alpes Kamakura Amsterdam Cambridge Sorocaba Rennes Kerala São Paolo Sacramento Recife Plymouth Zadar Hamburg Valence Romans Agglo Yucatàn Region **Bas-Saint-Laurent Belo-Horizonte** Linz Ekurhuleni Montreal Montpellier Veberöd

Barcelona

Brest

| (+) |
|--|
| DIGITAL/ESTONIA |
| Foundation |
| Supports the global initiative through the development of projects and educational programs. |

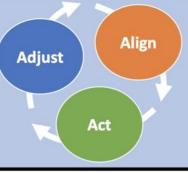
Bali FAB Fest

Designing Emergent Realities

October 12-22, 2022



By the Stakeholder Alignment Collaboratiz



MITSIoan Management Review

The Promise of Self-Sufficient Production

ligital falve, ation technologies demonstrate a new way forward. • out concern concerning, staticancerning, see set concerning.

A subject to the strength of the strength o

metter of \$5 and dock. Define t

Large-scale systems change takes top-down, bottom-up, and a new strategy: middle-across









(Hou katsu; inclusion)

Luq'u nitghe shesh q'a ch'ghetnuh nitu nqezhada

(We all support our work for our future)

आत्मनिर्भर

(aatmanirbhars; self realiant)

Fab Todos Incluídos

(Fab all included)

Kaikenkattava

(All inclusive)



เอกภาพ

(unity, oneness)

Fab Kākou

(Fab all of us together)

Fab per Tutti

(Fab for everyone)