Lonni Besançon | Curriculum Vitæ

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Research Interest and Focus

My main focus lies in the intersection between human-computer interaction and interactive visualization. My focus has been on bridging the gap between several novel interaction paradigms often used in scientific visualization (tactile interaction and tangible interaction for instance) to try and immerse users and domain experts through the use of interaction. I am also deeply interested in statistical analysis, their understanding, and their communication in scientific productions as well as studying the benefits of open-science practices on scholarly production.

Education

- **The National Institutes of Health (NIH)** — **Online Course**
  Protecting Human Research Participants — *2018*
- **Université Paris-Saclay** — **Paris, France**
  PhD in Human Computer Interaction — *2014–2017*
- **Université Paris-Sud** — **Paris, France**
  Master of Research in HCI — *2013–2014*
- **The University of Hong Kong** — **Hong Kong**
  Exchange Program — *2012–2013*
- **Polytech Paris-Sud** — **Paris, France**
  Diplome d'Ingénieur (Equivalent to Master of Engineering) — *2009–2014*

Grants and Scholarships

2024 – 2028 **Marcus and Amalia Wallenberg**, 10M SEK (approx. 1M Euros) as a co-PI.

2022 Selected for the Heidelberg Laureate Forum.

2021 **Westpac Research Grant:** 150k AUD (approx. 100k Euros, 110k USD) in a project with Burnet Institute and Melbourne University.

2020 **Global Talent Program** for a permanent residency in Australia.

2019 **Knut and Alice Wallenberg travel grant** from Linköping University to present my work at **EuroVIS 2019.**

2014 **Ph.D Scholarship** from the French government to complete my Ph.D project (approximately 100k euros to provide 3 years worth of salary and some equipment)

Awards

2023 **Top 10 Downloaded articles classification** in the journal Computer Graphics Forum for "The State of the Art of Spatial Interfaces for 3D Visualization."

2022 **Top 10 Cited articles classification** in the journal Computer Graphics Forum for "The State of the Art of Spatial Interfaces for 3D Visualization."

2021 **Best Paper Honorable Mention Award** for "The MADE-Axis: a Modular Actuated Device to Embody the Axis of a Data Dimension" at the ACM ISS 2021 conference

2021 **Special Recognitions for one Outstanding Review** at IEEE ISMAR 2021.

2020 **Computer Graphics Forum Top 10 Downloaded papers** for the period 2019-2020 with "Reducing Affective Responses to Surgical Images and Videos Through Stylization."

2019 **Special Recognitions for one Outstanding Review** at ACM CHI 2019.

2018 **Second price of the prix de these GDR-IGRV** for my Ph.D thesis "An Interaction Continuum for 3D Dataset Visualization."

2017 **Best Paper Honorable Mention Award** for "Pressure-Based Gain Factor for Mobile 3D Interaction using Locally-Coupled Devices" at the ACM CHI 2017 conference

Teaching and Supervision

PhD Student Supervision

Since 2021 Co-advisor of Shaozhang.Dai's PhD thesis.

Since 2021 Co-advisor of Vahid Pooryousef's PhD thesis.

Since 10/2018 External advisor of Mickael Sereno's PhD thesis.

2019–2021 Co-advisor of Kahin Akram Hassan's PhD thesis.

2017–2020 External advisor of Xiyao Wang's PhD thesis.

Undergraduate & Graduate Student Supervisions

06/2022–09/2022 Principal Advisor of Mathis Brossier for his 3-month internship at LiU.

11/2021–03/2022 Principal Advisor of Ishwari Bade for a summer internship (12 weeks). Visualization of Spotify data.

04/2017–09/2017 Advisor of Xiyao Wang: Master's thesis. Augmenting tactile interaction with pressure input.

06/2017–09/2017 Advisor of Marie Cheng: research internship. Back of device pressure sensing for gain factor control.

Teaching Experience

2019 Introduction to Information Visualization (student projects).
Linköping University. 12 hours

2014–2017 Interactive Information Visualization (student projects and lab sessions).
Université Paris Saclay. 12h per year

2016, 2017 Advanced Algorithms and Graph Theory (some lectures and all tutorials),.
Université Paris Saclay. 30h per year

2014–2017 Algorithms and Data Structures (tutorials).
Université Paris Saclay. 15–20h per year.

2015 Computer Network and Security (tutorials).
Université Paris Saclay. 20h

2014 Assembly Language (Tutorial).
Université Paris Saclay. 4h.

Community Service and Activities

Despite my relatively short career in academia, I have reviewed 350+ papers for conferences and journals and served in multiple Program Committees or Editorial Boards.

Scientific Journal Boards

Since 2021 Review Board of Frontiers in Computer Graphics and Visualization

Since 2018 International Journal of Virtual Reality

Program Committees

CHI Program Committee for ACM CHI Papers (2022)

CHI Program Committee for ACM CHI Posters/LBW (2019–2021)

VIS Program Committee for IEEE VIS Papers (2021–2023)

VIS Program Committee for IEEE VIS Short Papers (2019, 2020, 2023, 2024)

VR Program Committee for IEEE VR Papers (2019–2023)

ISMAR Program Committee for ISMAR Papers (2021, 2024)

ISMAR Program Committee for ISMAR Posters (2023)

GI Program Committee for GI Papers (2020,2023)

ISS Program Committee for ISS Papers (2020)

PacificVIS	Program Committee for PacificVIS Notes/Short Papers (2020 – 2024)
ICMI	Program Committee for ICMI Papers (2021).
Eurovis	Program Committee for Eurovis Short Papers (2018–2021, 2024)
Eurovis	Program Committee for Eurovis Posters (2018, 2019)
Eurovis	Program Committee for Eurovis STARS (2024)
ICAT-EGVE	Program Committee for ICAT-EGVE Papers (2020,2021)
Interact	Program Committee for Short Papers (2021)
IHM	Program Committee for IHM Papers (2018,2021)
TEI	Program Committee for TEI Late-Breaking Work
VRST	Program Committee for ICMI Long and Short Papers (2023)
ISMAR	Program Committee for ISMAR Posters (2020,2023)
GI	Program Committee for Graphical Interface Papers (2023)

Chairing and Organizing of Scientific Events

Since 2020	Co-chair of Open Practices for IEEE VIS
2022	Co-organizer of the panel "Merits and Limits of preregistration" at IEEE VIS
2022	Co-organizer of the second alt.VIS workshop at IEEE VIS
2021	eLife Sprint hackathon participation
2021	Co-organizer of the first alt.VIS workshop at IEEE VIS
2021	Co-chair of alt.IHM at the IHM conference (French version of ACM CHI).
2020	Co-organizer of the 1st edition of the FailFest workshop at IEEE VIS 2020.
2020	Co-organizer of the 1st national junior faculty meeting in Sweden "Sustainable development of future academia in Sweden."
2019-2020	Co-chair of the Junior Faculty at Linköping University which aims at providing workshops, seminars and guidance to students and Early-Career Researchers (ECRs).
2019	Co-organized the Open Science Meetup of the IEEE VIS conference

Awards Committees

2022	CHI Best Paper Committee
2021	MobileHCI Best Paper Committee

2021	EuroVIS Best Poster Committee

Scientific Outreach and Communication

Since January 2021	Creator and organizer of Monash ReproducibiliTea.
Since January 2021	Moderator of r/science on Reddit.
Since June 2020	Co-editor of Binaire, a tech- and research-oriented blog partnered with Le Monde that aims vulgarizing computer-science related topics.
Since 2018	Wikipedia contributor in French and English

Reviewing for Grant Applications

ANR	ANR Senior researcher program. 2 proposals (2022)
ANR	ANR Young researcher program. 1 proposal (2018)

Reviewing for Journals

Nature	**Nature Scientific Reports**. (2 papers)
Royal Society	**Royal Society Open Science** (2 papers)
BMJ	**BMJ Open, the British Medical Journal** (6 papers)
TVCG	**IEEE Computer Society TVCG journal** (6 papers)
TVCG	**IEEE Computer Society TVCG journal for the IEE VR Conference** (13 papers)
BMC	BMC Medicine. (1 paper)
BMC	BMC Research Integrity and Peer Review. (1 paper)
CGF	Wiley Computer Graphics Forum (1 STAR)
ToH	IEEE Transactions on Haptics (1 paper)
JCCH	ACM Journal on Computing and Cultural Heritage (2 papers)
Consumer Electronic	IEEE Consumer Electronic Journal, Special edition on Advanced Interaction and Virtual/Augmented Reality (1 paper)
Springer	Scientometrics (6 papers)
Elsevier	Computer & Graphics (4 papers)
CG&A	IEEE Computer Graphics and Applications (2 papers)
Geoscience Communication	Open review of a paper about the benefits of including ECRs in reviewing process

Springer	Genetic Programming and Evolvable Machines, special issue on visualization. (1 paper)
IEEE	Transactions on Instrumentation and Measurement (1 paper)
MDPI	Information (3 papers)
Frontiers	Frontiers in Big Data (3 papers)
JIPH	Elsevier Journal of Infection and Public Health (1 paper)
Elsevier	Current Psychology (3 papers)
PeerJ	PeerJ (1 paper)
JECH	Journal of Epidemiology & Community Health (1 paper)
SPP	Science & Public Policy (1 paper)
NIP	New Ideas in Psychology (1 paper)

Reviewing for Conferences/Symposia

3DUI	3 papers (2016, 2017)
CHI	39 papers, 4 alt.chi, 34 posters (2016–2024)
ICMI	22 papers (2016–2023)
EuroVis	16 papers, 3 STARs, 6 posters (2018–2024)
GI	7 papers (2020, 2023)
ICAT-EGVE	6 papers (2020,2021)
IHM	7 papers (2017–2021)
Interact	5 papers (2019–2021)
ISMAR	40 papers, 5 posters (2018–2022)
ISS	10 papers (2017–2021)
MobileHCI	12 papers, 4 posters (2018 – 2022)
NordiCHI	1 paper (2018)
OzCHI	2 papers (2017)
PacificVIS	13 papers, 3 short papers (2019–2024)
SUI	5 papers (2016, 2018, 2019)
TEI	7 papers, 5 posters (2018–2021)
UIST	3 papers (2018, 2019)

VRST	10 papers, 2 posters (2017–2019, 2021;2023)
VIS	21 papers, 11 short papers, 3 alt.VIS, 1 BeLIV (2019–2023)
VR	63 papers (2018–2024)

Post Publiscation Peer Review

In addition to official peer-reviewing done for conferences and journals I have also provided reviews on already published communication on post-publication platforms. Some of these reviews have later been published (see my publications in Nature Scientific Reports or European Journal of Clinical Investigations).

Pubpeer	72 comments (Since 2021)

Dissemination

Invited Talks

Talks from conference papers only appear in the publication list at the end of this document.

2024 Umeå University: "Is Science Self-Correcting? A Tale of Obscurantism, Slow Response, and Misconduct." Invited talk, InfraVisDay, Umeå University, Umeå, Sweden.

2024 Royal Institute of Technology KTH: "Preprints: the what/why/how of a faster dissemination of research." Invited talk, Royal Institute of Technology KTH, Stockholm, Sweden.

2024 Linköping University: "Preprints: the what/why/how of a faster dissemination of research." Seminar talk.

2023 ASAPBio: "The trials and tribulations of post publication peer review" Invited talk, ASAPBio, online.

2023 University of Copenhagen: "Towards a better understanding and communication of uncertainty in empirical research" Invited talk, University of Copenhagen, Denmark.

2023 Aalborg University: "Towards a better understanding and communication of uncertainty in empirical research" Invited talk, Aalborg University, Denmark.

2023 Graphics Interface 2023: "Open Science in HCI: What? Why? How?" Invited workshop, Victoria, BC, Canada.

2023 University of Victoria: "Science during the Pandemic: A tale of fast science, obscurantism, and slow correction" Invited talk, Linköping University.

2023 Örebro University: "What is visualization?" Invited talk.

2022 Freiburg ReproducibiliTea: "Correction of the scientific litterature: too little, too late!" Invited talk (online).

2022 Westminster Higher Education Forum: "Next steps for Open Science." Invited talk + Pannel discussions (online).

2022 Université Paris Saclay: "Éthique de la recherche, intégrité et responsabilités scientifiques en situation de crise sanitaire – La science ouverte." Invited talk (online).

2021 Riot Science Club: "Towards a better understanding and communication of uncertainty in empirical research", invited talk (online).

2021 Glasgow Reproducibilitea: "Towards a better understanding and communication of uncertainty in empirical research", invited talk (online).

2021 UniLaSalle, France: "Towards a better understanding and communication of uncertainty in empirical research", invited talk (online).

2021 Monash University: "Why on earth would anyone ever be interested in my career?", career talk with PhD students.

2021 IBM Research, Zurich: "Towards a better understanding and communication of uncertainty in empirical research", invited talk (online).

2021 ReproducibiliTea Surrey: "Scientists stand up for academic whistleblowers" Online. ReproducibiliTea Surrey

2021 ReproducibiliTea Zurich: "Open Science Saves Lives." Online. ReproducibiliTea Zurich

2021 "Towards a better understanding and communication of uncertainty in empirical research", invited talk, Statistics Department, Monash University.

2021 Panel: "Open Research: A vision for the future" Online. RIOT Science Club.

2021 The Future Of Open Research: "Open Science Saves Lives." Online. RIOT Science Club.

2020 ReproducibiliTea Mexico: "Open Science Saves Lives." Online. ReproducibiliTea Mexico

2020 Edinbourgh ReproducibiliTea: "Open Science Saves Lives." Online. Edinbourgh ReproducibiliTea

2020 UCL ReproducibiliTea: "Open Science Saves Lives." Online. UCL ReproducibiliTea

2020 National Junior Faculty of Sweden: Improving research culture – Open Science & Open Access.

2019 **TEDx**:"TEDx Automatic Visual Censoring: from Science-Fiction to Reality", TEDx Norrköping, Sweden.

2019 "Automatic Visual Censoring: from Science-Fiction to Reality", SigCHI Paris.

2019 "Towards a better understanding and communication of uncertainty in empirical research", invited talk, University of Victoria, Canada.

2019 "Population overlays on choropleth maps", invited talk, The Institute for Analytical Sociology Research Symposium, Sweden.

2018 "Reducing Affectives Responses to Surgical Media", seminar, Linköping University, Sweden.

2018 "An Interaction Continuum for 3D Dataset Visualization", invited talk, JRV, Université Evry Val-d'Essone, France.

2018 "An Interaction Continuum for 3D Dataset Visualization", SigCHI Toulouse, France.

2018 "The Significant difference between p-values and confidence intervals", invited talk, Toulouse, France.

2018 "An Interaction Continuum for 3D Dataset Visualization", invited talk, Linköping University, Sweden.

Participation to seminars

2021 eLife. Innovation Sprint 2021: The iteration of good practices

2020 Riot Science Club. Open Research: A Vision for the Future

2019 Dagstuhl seminar. Mobile Data Visualization

Newspaper Articles, Podcasts, Videos about my research

2024 **Science**: Failure at every level': How science sleuths exposed massive ethics violations at a famed French institute

2024 **Metro**: Sora sorprendió al mundo, pero puede plantear riesgos en línea

2024 Linköping University Press: Dödshot vardagsmat för den akademiska detektiven

2024 Le Point: "Science" célèbre les lanceurs d'alerte ayant fait tomber Didier Raoult

2024 L'express: Etudes rétractées, saillies médiatiques... La sulfureuse retraite de Didier Raoult

2024 World News: A recent surge of academic fraud spells trouble for scientific integrity

2024 TheMetaNews: Quand les citations jouent à cache cache

2024 Retraction Watch: Journals retract six Didier Raoult papers for ethics violations

2023 **L'express**: IHU et Didier Raoult : des chercheurs appellent les revues à retirer les études problématiques

2023 Philosophie Magazine: La dette immunitaire, une hypothèse contestée

2023 **Le Monde**: Recherche : un trafic de fausses références bibliographiques découvert

2023 **L'humanité**: Didier Raoult en rétractations

2023 Le Soleil: Les rétractations de Didier Raoult

2023 Retraction Watch: Controversial French researcher loses two papers for ethics approval issues

2023 Retraction Watch: How thousands of invisible citations sneak into papers and make for fake metrics

2023 **The Guardian**: French research centre behind controversial Covid paper found to have used questionable ethics processes.

2023 **L'express**: Fraudes scientifiques et manquements éthiques : l'équipe derrière la chute de Didier Raoult

2023 **L'express**: IHU de Marseille : des manquements éthiques possibles dans 456 essais cliniques

2023 **Liberation**: Covid : ces publications scientifiques problématiques de l'IHU de Marseille

2023 **SverigesRadio**: How researchers can study death in a new way

2023 Lakartidningen: Linköping researchers: Virtual autopsies may soon become a reality

2023 HospiMedia: 456 essais de l'IHU de Marseille soulèvent des interrogations sur leur approbation éthique

2023 JIM: Nouvelles accusations de nombreux manquements à l'éthique contre l'IHU de Marseille

2023 APM News: Des manquements éthiques identifiés dans plus de 450 publications de l'IHU de Marseille

2023 **Le Point**: Didier Raoult : 30 years of unregulated experiments on human.

2023 **Le Monde**: Didier Raoult : révélations sur une déviance scientifique

2023 University World News The future of publishing: scientists need a greater say

2023 **Le Parisien**: Essai « sauvage » sur l'hydroxychloroquine : jusqu'où ira Didier Raoult ?

2023 Ça coule de source: La Tronche en Biais – Ethique à l'IHU-Raoult ? [Ca Coule de Source n°7 – Fabrice Frank and Lonni Besançon]

2023 Statistical Modeling, Causal Inference, and Social Science Blog: Should every correlation be published during the COVID-19 pandemic?

2023 Statistical Modeling, Causal Inference, and Social Science Blog: Can Visualization Alleviate Dichotomous Thinking? Some experimental evidence.

2023 Talking Biotech Podcast: The Uphill Battle Against Scientific Disinformation – Dr. Lonni Besançon

2023 Le Point: Une autopsie virtuelle...pour un cadavre bien réel

2023 **ABC** Forensic imaging technology helps virtual autopsies outnumber invasive post-mortem procedures

2023 The Age: Solving the digital dilemma facing corporate Australia

2023 StatNews: Mistakes happen in research papers. But corrections often don't

2022 **Nature**: COVID was twice as deadly in poorer countries

2022 **The Scientist**: Opinion: The Promise and Plight of Open Data

2022 **The Scientist**: Gone but Not Forgotten: Retracted COVID-19 Papers Still Cited

2022 YahooNews: Disputed scientific paper shared in false posts about Covid jabs and the human immune system

2022 SciDevNet: Massive COVID-19 failure' sets back global development

2022 L'Express: Didier Raoult mis en examen pour diffamation publique

2022 **Forbes**: How Many Variants And Deaths Are We Willing To Accept, Before We Protect The Whole World?

2022 L'express: Didier Raoult mis en examen pour diffamation publique

2022 Retraction Watch: What happened when we tried to get a paper claiming 'billions of lives are potentially at risk' from COVID-19 vaccines retracted

2022 The Atlantic: What an Alzheimer's Controversy Reveals About the Pressures of Academia

2022 FactCheck.org: COVID-19 Vaccination Increases Immunity, Contrary to Immune Suppression Claims

2022 Atlantico: Quand les journaux scientifiques diffusent de la pseudo science

2022 News24: FACT CHECK | Africa didn't fare better during Covid than rest of the world

2022 MyZa: Debunking the myth that Africa responded well to Covid

2022 Foreign Affairs NZ: MIL-Evening Report: While Australians line up for COVID boosters, low vaccination rates in poor countries continue to cost lives

2022 Yahoo News: While Australians line up for COVID boosters, low vaccination rates in poor countries continue to cost lives

2022 Quartz: Covid was twice as deadly in poor countries as in rich ones

2022 MSN News: Covid was twice as deadly in poor countries

2022 Nach Welt: Erster gemeldeter Fall einer Person, die COVID von einer Katze bekommen hat

2022 Liberation: Un article d'un quotidien réunionnais révèle-t-il les dangers des vaccins à ARN messager, sur la base d'une étude à paraître?

2022 The inspiring STEM Podcast: Open Science Saves Lives, an interview with Dr. Lonni Besançon

2022 **Metro UK**: World's richest men more than doubled their wealth in pandemic, Oxfam says

2022 **Spiegel Science**: This is what is known about the new corona variant B.1.640.2

2022 Tehran Time: Ten richest men double fortunes in pandemic

2022 Information: Om du er fattig eller rig, siger mere om din risiko for at dø af corona end din alder

2022 The Street: 10 Richest Men Double Their Fortunes In Pandemic While Incomes Of 99 Per Cent Of Humanity Fall

2022 La Tronche En Biais (Video Interview): Covid : cette étude influente était fausse ! [Le Bénéfice du Doute #20]

2022 Fact & Furious: Vaccination : que penser de cette étude du European Journal of Epidemiology ?

2022 Retraction Watch: A paper published earlier this year in an epidemiology journal about COVID-19 vaccines earns three critical letters. And the authors respond.

2021 **Washington post** Rand Paul's false claim that masks don't work

2021 **The Guardian** Australian Research Council under pressure after funding rule angers academic community

2021 Retraction Watch: Paper claiming a lack of evidence COVID-19 lockdowns work is retracted.

2021 Fact & Furious: Etude rétractée sur l'inutilité du confinement : comment et pourquoi ?

2021 Le Figaro: Covid-19 : sans restrictions sévères ni passe sanitaire, la Suède a-t-elle vraiment gagné son pari ?

2021 The Conversation: Comment la science ouverte peut faire évoluer les méthodes d'évaluation de la recherche.

2021 Brisbane Times: Why is Melbourne the world's lockdown capital? Policy, bad luck – and maybe the weather

2021 The London School of Economics and Political Science (Blog): Has COVID-19 been the making of Open Science?

2021 Atlantico: Covid-19 : avec le recul, la Suède, bonne ou mauvaise stratégie face au virus ?

2021 The Conversation Science ouverte et Covid-19 : Une opportunité pour démocratiser le savoir ?

2021 **The NewYorker**: How a Sharp-Eyed Scientist Became Biology's Image Detective

2021 **Nature**: Scientific image sleuth faces legal action for criticizing research papers

2021 **Science**: Scientists rally around misconduct consultant facing legal threat after challenging COVID-19 drug researcher

2021 **The Guardian**: World expert in scientific misconduct faces legal action for challenging integrity of hydroxychloroquine study

2021 Atlantico: Open science, open data : les principes fondamentaux qui auraient pu nous éviter tant de confusion scientifique et médicale face à la pandémie de Covid-19

2021 Heidi News: Le débat scientifique piégé entre tribunaux et réseaux sociaux

2021 **ABC's Science Friction**: Troublemakers for truth — death threats for calling out bad COVID science

2021 RTBF: Quand la science est envoyée au tribunal : une consultante traqueuse de fraude scientifique attaquée par Didier Raoult

2021 Cambio: Defensor del uso la hidroxicloroquina contra la COVID-19 lleva a tribunales a una colega que lo cuestiona

2021 Med China: Academic "Fake Detective" was sued in court

2021 : Vendetta contro la Scienza, lo scandalo francese.

2021 World Today News: Scientists support Dutch researcher after French 'miracle doctor' report

2021 Science Presse: Quand une lanceuse d'alerte est poursuivie par celui qu'elle critique.

2021 Le Parisien: Pourquoi Didier Raoult porte-t-il plainte contre une chercheuse, soutenue par plus de 1000 scientifiques ?

2021 Zhuanlan: A well-known academic fraud investigator was sued for questioning the efficacy of hydroxychloroquine.

2021 Journal International de Medecine: Quand harcèlement et procédure bâillon veulent clore le débat.

2021 The Scientist: Elisabeth Bik Faces Legal Action After Criticizing Studies.

2021 163: A well-known academic fraud investigator was sued for questioning the efficacy of hydroxychloroquine.

2021 TechZone Daily: Scientific image sleuth faces legal action for criticizing research papers

2021 Seznam Zpravy: Scientist has questioned the "miracle cure for covid". She now faces charges and threats

2021 Seznam Zpravy: Scientists have questioned the "miracle cure for covid". He now faces charges and threats

2021 France24: Un expert mondial en faute scientifique fait face à une action en justice pour contestation de l'intégrité de l'étude sur l'hydroxychloroquine

2021 SonDakika: Hidroksiklorokine dair calısmayı analiz eden bilim insanına karalama kampanyasi

2021 Joop: Wetenschappers steunen Nederlandse onderzoekster na aangifte Franse 'wonderdokter'

2021 Finance China: "Academic Anti-Counterfeiting King" is sued for questioning science.

2021 Huanqiukexue: Professional fraud-detector Bik accused of "extortion"

2021 NRC: Honderden wetenschappers spreken steun uit aan Nederlandse microbioloog

2021 GenomeWeb: Raising Concerns, Accused of Harassment

2021 MedPage Today: Wereldwijde steun voor geïntimideerde fraudejager Elisabeth Bik

2021 Ad Valvas: Wereldwijde steun voor geïntimideerde fraudejager Elisabeth Bik

2021 Blog post Respectful Insolence: Legal thuggery: A favored technique by disinformation merchants to silence critics

2021 Newsy Today: Elisabeth Bik: I keep looking for wrongdoing

2021 Die Nachrichten: Forschende fordern Schutz von wissenschaftlichen Whistleblowern

2021 Société de réanimation de langue française: Alors le confinement, ça marche ?

2021 Le Figaro: Carcérales ou franchement laxistes : à l'étranger, des quarantaines à géométrie (très) variable

2021 **Science**: Critics slam letter in prestigious journal that downplayed COVID-19 risks to Swedish schoolchildren

2021 The New Statesman: Why we need a more honest debate about the risks of reopening schools

2021 Business AM: En Suède, c'est le monde à l'envers: 'Les pro-confinement et pro-masque sont censurés et agressés'

2021 Newsweek: Swedish Professor Who Quit COVID Research Over Backlash Stands by School Study's Findings

2021 Business AM: Scandale en Suède: un pédiatre a tronqué les chiffres des décès d'enfants pour garder les écoles ouvertes

2021 ZAP: Acusado de manipular dados sobre mortes em crianças, professor sueco desiste de investigar covid-19

2021 Arte: Confinement : des études controversées - Désintox - ARTE

2021 TrustMyScience: Les risques liés à la COVID-19 au sein des écoles en Suède minimisés dans un article scientifique ?

2021 The New Statesman: Why the trial of Covid-19 drug tocilizumab is a model of good science

2021 France Culture: Le confinement sert-il à quelque chose ?

2021 Andrew Gelman's "Stats Modeling" blog: Further comments on "Assessing mandatory stay-at-home and business closure effects on the spread of COVID-19"

2021 HeidiNews: Une étude de Stanford a-t-elle vraiment montré l'inefficacité du confinement?

2021 Marie Claire: Covid-19 : le confinement est-il inefficace, comme l'affirme une étude?

2021 Le Parisien: Covid-19 : le confinement est-il inefficace, comme l'affirme une étude de l'Université de Stanford ?

2021 LCI: Covid-19 : le confinement a-t-il été inefficace contre l'épidémie comme le suggère une étude ?

2021 Le Parisien: Covid-19 : la situation est-elle vraiment meilleure dans les pays sans confinement ? ».

2021 20 minutes: Coronavirus : Est-ce la fin définitive du « modèle suédois ».

2021 Science Discussion Series: Preprints, rushed peer review, duplicated efforts, and conflicts of interest led to confusion and misinformation regarding COVID-19.

2020 **Scientific American**: The COVID Science Wars

2020 Reddit AMA (Ask Me Anything) on Open Science and COVID-19 Research in r/IAmA.

2020 Reddit AMA (Ask Me Anything) on Open Science and COVID-19 Research in r/france.

2020 Altreconomia Scienza aperta e Covid-19

2020 preLight Preprint highlights, selected by the biological community

2020 **Science** COVID-19 data scandal prompts tweaks to elite journal's review process

2020 Debate Ciencia abierta: arma contra la Covid-19 que debe pulirse

2020 Could open science save lives during a pandemic? These authors say it could.

2020 Heidi News Covid-19: de jeunes chercheurs exigent plus de transparence contre la mauvaise science

2020 International Science Council The COVID-19 Pandemic Illustrates the Need for Open Science

2020 Blog Post COVID-19 Open Science Saves Lives: Invite to Co-Sign and Comment

2020 Blog Post How preprints provide rapid research dissemination in a crisis, covering my preprint "Open Science Saves Lives"

2020 Short Blog Post "Open Science Saves Lives"

2020 Reddit AMA (Ask Me Anything) on visual censoring technologies.

2020 AMA (Ask Me Anything) on visual censoring technologies in the r/france subreddit.

2020 The Wiley Network: "Can Graphic Content Inform Without the Shock-factor?"

2020 Walk'n'Talk: "Walk'n'Talk with Lonni Besancon - a science talk about computer interactions, visual censoring and open science"

2020 Data Skeptics Podcast: "Visualizing Uncertainty"

2020 Interstices: "Arkangel dans Black Mirror : la réalité diminuée"

2020 Binaire, Le Monde: "Censure visuelle automatique : de la science-fiction à la réalité"

2020 Binaire, Le Monde: "Le projet Folding@Home"

2020 The New Statistics:"The Shape of a Confidence Interval: Cat's Eye or Plausibility Picture, and What About Cliff?".

2019 The New Statistics: "Statistical Cognition: An Invitation"

2019 The New Statistics: "Sadly, Dichotomous Thinking Persists in HCI Research"

2019 Binaire, Le Monde: "Un Écoulement de Pokemons"

TV

2023 **France Television**: ""Vrai ou Fake" Marseille, nid d'intox"

2021 French News Program: "La Suède instaure un pass sanitaire."

2021 French News Program: "Facebook lance le «futur d'Internet»: vers une société «Black Mirror»?"

2021 French News Program: "En quarantaine, ils racontent."

2020 French News Program: "La fin d'une exception suédoise et c'est plutôt logique"

2020 French TV Show: "Il est interdit d'interdire: La Suède et COVID19"

Authoring and Editing of Popular Science Articles

2024 The Conversation AUS/NZ: "What is Sora? A new generative AI tool could transform video production and amplify disinformation risks." – Author

2024 The Conversation AUS/NZ: "Littérature scientifique: l'ardu défi de la correction." – Author

2023 24h: "Covid-19 : non, notre système immunitaire n'a pas été affaibli par les mesures sanitaires." – Author

2023 Binaire, Le Monde: "Penser, calculer, délibérer." – Editor

2022 Binaire, Le Monde: "De la réalité augmentée au CERN." – Author

2022 Binaire, Le Monde: "Des algorithmes pour la chasse à la fraude scientifique?." – Author

2022 Binaire, Le Monde: "Correction scientifique : droit à l'erreur et devoir de bonne foi." – Author

2022 Binaire, Le Monde: "The Scientific Thinking Behind COVID-19 Skepticism." – Editor

2022 Binaire, Le Monde: "Le raisonnement scientifique derrière le covido-scepticisme." – Editor

2022 Fact & Furious: Vaccination : que penser de cette étude du European Journal of Epidemiology ?

2021 The London School of Economics and Political Science (Blog): Has COVID-19 been the making of Open Science? – Author

2021 Atlantico: "Covid-19 : quelques nouvelles de la situation en Suède. Elles ne sont pas bonnes." – Author

2021 SULF: "Report: Uncertainty – a reality for junior researchers in Sweden." – Co-author

2021 Binaire, Le Monde: "Le Dilemme de la Maladie." – Editor

2021 Fact & Furious: La Suède, entre mythes et réalités." – Author

2020 Binaire, Le Monde: "L'open science au chevet des fakes news." – Author

2020 Interstice: "Arkangel dans Black Mirror : la réalité diminuée." – Author

2020 Binaire, Le Monde: "Censure visuelle automatique : de la science-fiction à la réalité." – Author

2020 Binaire, Le Monde: "Décret Datajust du 27 mars 2020 et covid-19 : attention aux raccourcis hâtifs !." – Editor

2020 Binaire, Le Monde: "Le projet Folding@Home." – Author

2019 Open Science Mooc: "It is time to fix research evaluation" – Author

2019 Open Science Mooc: "How can Open Science benefit your career?" – Author

2019 Binaire, Le Monde: "Un Écoulement de Pokemons." – Author

Employment

- **Linköping University** — **Norrköping, Sweden**
  Research Fellow — *Since Decembre 2021*
- **Monash University** — **Melbourne, Australia**
  Research Fellow — *September 2020 – Decembre 2021*
- **Linköping University** — **Norrköping, Sweden**
  Postdoctoral Researcher — *May 2018 – July 2020*
- **Universite Paris Saclay** — **Paris, France**
  Teaching Assistant — *2014 – 2018*
- **Polytech Paris-Sud** — **Paris, France**
  Teaching Assistant — *2014 – 2018*

- **IRT System X** — **Paris, France**
  Research Engineer Intern — *March 2014 – September 2014*

- **Thales Air System** — **Thales Air Systems**
  Software Developer Intern, Paris, France — *June 2013 – September 2013*

- **Generale de Sante** — **Paris, France**
  Network Engineer Intern — *May 2011 - July 2011*

References

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  Media and Information Technology
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- Pierre Dragicevic (permanent research scientist at Inria)
  Inria, Bordeaux, France
  email: pierre.dragice@gmail.com

Publications

In the field of Human Computer Interaction (HCI), publications at top-tier conferences are of highest impact due to their rigorous review processes and low acceptance rates (20-25%). The top-tier conference covering all areas of HCI is ACM CHI – the SIGCHI Conference on Human Factors in Computing Systems (~4000 attendees). For Information Visualization, IEEE VIS is the top publication venue (~1200 attendees).

Peer-reviewed Journal Articles

Articles accepted at the IEEE VIS conferences are published in the journal IEEE Transactions on Visualization and Computer Graphics.

- Shaozhang Dai, Jim Smiley, Tim Dwyer, Barrett Ens, **Lonni Besançon**. "Robohapalytics: A Robot Assisted Haptic Controller for Immersive Analytics." IEEE Transactions on Visualization and Computer Graphics. January 2023. DOI: https://doi.org/10.1109/TVCG.2022.3209433
- Mathis Brossier, Robin Skånberg, **Lonni Besançon**, Mathieu Linares, Tobias Isenberg, Anders Ynnerman, Alexander Bock. "Moliverse: Contextually Embedding the Microcosm into the Universe" in Computers & Graphics. To appear.
- Jérôme Barrière, Fabrice Frank, **Lonni Besançon**, Alexander Samuel, Véronique Saada, Eric Billy, Abraham Al-Ahmad, Barbara Seitz-Polski, Jacques Robert. Scientific Integrity Requires Publishing Rebuttals and Retracting Problematic Papers. Stem Cell Reviews and Reports (2022). DOI: https://doi.org/10.1007/s12015-022-10465-2
- Andrew Levin, Nana Owusu-Boaitey, Sierra Pugh, Bailey K Fosdick, Anthony B Zwi, Anup Malani, Satej Soman, **Lonni Besançon**, Ilya Kashnitsky, Sachin Ganesh, Aloysius McLaughlin, Gayeong Song, Rine Uhm, Daniel Herrera-Esposito, Gustavo de los Campos, Ana Carolina Peçanha Antonio, Enyew Birru Tadese, Gideon Meyerowitz-Katz. Assessing the burden of COVID-19 in developing

countries: systematic review, meta-analysis and public policy implications BMJ Global Health 2022;7:e008477.

- **Lonni Besançon**, Elisabeth Bik, James Heathers, Gideon Meyerowitz-Katz. "Correction of scientific literature: Too little, too late!." PLoS Biology 20, no. 3 (2022): e3001572. DOI: https://doi.org/10.1371/journal.pbio.3001572
- Jerome Barrière, Fabrice Frank, **Lonni Besançon**, Alexander Samuel, Véronique Saada, Eric Billy, Barbara Seitz-Polski, Jacques Robert. The fight against scientific fraud: A thankless but necessary task. Bulletin du Cancer. 2022 Aug:S0007-4551(22)00303-4. DOI: 10.1016/j.bulcan.2022.06.013. PMID: 36055805.
- Jacques Robert, Fabrice Frank, **Lonni Besançon**, Alexander Samuel, Véronique Saada, Eric Billy, Barbara Seitz-Polski, Jérôme Barrière. Covidiots et cancer. Y a-t-il une ânerie qu'ILS n'ont pas proférée ?. Innovations & Thérapeutiques en Oncologie. 2022;8(4):179-181. doi:10.1684/ito.2022.0324
- Michael Sereno, Stephane Gosset, **Lonni Besançon**, and Tobias Isenberg. (2022), Hybrid Touch/Tangible Spatial Selection in Augmented Reality. Computer Graphics Forum, 41: 403-415. https://doi.org/10.1111/cgf.14550
- Wang, Xiyao, **Lonni Besançon**, Mehdi Ammi, and Tobias Isenberg. "Understanding differences between combinations of 2D and 3D input and output devices for 3D data visualization." International Journal of Human-Computer Studies 163 (2022): 102820. DOI: https://doi.org/10.1016/j.ijhcs.2022.102820
- Gideon Meyerowitz-Katz, **Lonni Besançon**, Raphael Wimmer Antoine Flahault. Impact of mobility reduction on COVID-19 mortality: absence of evidence might be due to methodological issues. in *Nature Scientific Report, Matters Arising*, 2021. doi: https://doi.org/10.1038/s41598-021-02461-2
- Mickael Sereno, **Lonni Besançon**, Tobias Isenberg. Point Specification in Collaborative Visualization for 3D Scalar Fields Using Augmented Reality, in *Springer Virtual Reality.*
- Matthieu Mulot, Corentin Segalas, Clémence Leyrat, **Lonni Besançon**. "Re: Subramanian and Kumar. Vaccination rates and COVID-19 cases," in *European Journal of Epidemiology*, 2021 doi: https://doi.org/10.1007/s10654-021-00817-6
- Jim Smiley, Benjamin Lee, Siddhant Tandon, Maxime Cordeil, **Lonni Besançon**, Jarrod Knibbe, Bernhard Jenny, Tim Dwyer. The MADE-Axis: a Modular Actuated Device to Embody the Axis of a Data Dimension. in *PACMHCI V5, ISS*, (2021) doi: https://doi.org/10.1145/3488546
- **Lonni Besançon**, Nathan Peiffer-Smadja, Corentin Segalas, Haiting Jiang, Paola Masuzzo, Cooper Smout, Eric Billy, Maxime Deforet, Clémence Leyrat. Open Science Saves Lives: Lessons from the COVID-19 Pandemic, in *BMC Med Res Methodol* 21, 117 (2021). DOI: `https://doi.org/10.1186/s12874-021-01304-y`
- Jouni Helske, Matthew Cooper, Anders Ynnerman, **Lonni Besançon**. Can visualization alleviate dichotomous thinking Effects of visual representations on the cliff effect. *IEEE Transactions on Visualization and Computer Graphics*, Institute of Electrical and Electronics Engineers, 2021. In press. doi: `https://doi.org/10.1109/tvcg.2021.3073466`
- **Lonni Besançon**, Anders Ynnerman, Daniel F. Keefe, Lingyun Yu, Tobias Isenberg. The State of the Art of Spatial Interfaces for 3D Visualization. Computer Graphics Forum, Wiley, 2021, 40 (1), pp.293–326. doi: `https://dx.doi.org/10.1111/cgf.14189`

- Mickael Sereno, Xiyao Wang, **Lonni Besançon**, Michael J. McGuffin, and Tobias Isenberg. Collaborative Work in Augmented Reality: A Survey. *IEEE Transactions on Visualization and Computer Graphics*, Institute of Electrical and Electronics Engineers, 2021. In press. doi: https://dx.doi.org/10.1109/TVCG.2020.3032761

- **Lonni Besançon**, Niklas Rönnberg, Jonas Löwgren, Jonathan P. Tennant, Matthew Cooper. Open Up: A Survey on Open and Non-anonymized Peer Reviewing. in *Research Integrity and Peer Review* 5, 8 (2020). doi: https://doi.org/10.1186/s41073-020-00094-z

- Andy Cockburn, Pierre Dragicevic, **Lonni Besançon**, Carl Gutwin. Threats of a replication crisis in empirical computer science. *Communications of the ACM*, Association for Computing Machinery, 2020, 63 (8), pp.70-79. doi: https://dx.doi.org/10.1145/3360311

- **Lonni Besançon**, Amir Semmo, David Biau, Bruno Frachet, Virginie Pineau, El Hadi Sariali, Marc Soubeyrand, Rabah Taouachi, Tobias Isenberg, Pierre Dragicevic. Reducing Affective Responses to Surgery Images and Videos through Stylization. *Computer Graphics Forum*, Wiley, 2020, 39 (1), pp.462–483. doi: https://dx.doi.org/10.1111/cgf.13886

- Kahin Akram Hassan, Yu Liu, **Lonni Besançon**, Jimmy Johansson, and Niklas Rönnberg. A Study on Visual Representations for Active PlantWall Data Analysis. In *MDPI Data*, 2019. doi: https://doi.org/10.3390/data4020074

- Xiyao Wang, **Lonni Besançon**, Mehdi Ammi, Tobias Isenberg. Augmenting Tactile 3D Data Navigation With Pressure Sensing. *Computer Graphics Forum, Eurographics Conference on Visualization (EuroVis 2019)*, pp.635-647, 2019. doi: https://dx.doi.org/10.1111/cgf.13716

- **Lonni Besançon**, Mickael Sereno, Lingyun Yu, Mehdi Ammi, Tobias Isenberg. Hybrid Touch/Tangible Spatial 3D Data Selection. *Computer Graphics Forum, Wiley, 2019, Eurographics Conference on Visualization (EuroVis 2019)*, 38 (3), pp.553-567, 2019. doi: https://dx.doi.org/10.1111/cgf.13710.

- Tanja Blascheck, **Lonni Besançon**, Anastasia Bezerianos, Bongshin Lee, Petra Isenberg. Glanceable Visualization: Studies of Data Comparison Performance on Smartwatches. *IEEE Transactions on Visualization and Computer Graphics*, 2019. doi: https://dx.doi.org/10.1109/TVCG.2018.2865142

- **Lonni Besançon**, Paul Issartel, Mehdi Ammi, and Tobias Isenberg. Hybrid tactile/tangible interaction for 3D data exploration. *IEEE Transactions on Visualization and Computer Graphics*, 23(1):881–890, January 2017. doi: https://dx.doi.org/10.1109/TVCG.2016.2599217

Editorials

- Lonni Besançon, Antoine Flahault, Gideon Meyerowitz-Katz. Mobility during the pandemic: how did our movements shape the course of COVID-19?, Journal of Travel Medicine, Volume 29, Issue 3, April 2022, taac055, https://doi.org/10.1093/jtm/taac055

Journal Articles Currently Under Review

- Kahin Akram Hassan, **Lonni Besançon**, Jimmy Johansson, Anders Ynnerman, Niklas Rönnberg. Evaluation of Radial Methods Based on the Clock Metaphor for Visualization of Cyclic Data. Under Review for IEEE TVCG.

Peer-reviewed Conferences

- Vahid Pooryousef, Maxime Cordeil, **Lonni Besançon**, Christophe Hurter, Tim Dwyer, Richard Bassed. Working with Forensic Practitioners to Understand the Opportunities and Challenges for Mixed-Reality Digital Autopsy. In *CHI 2023 - ACM Conference on Human Factors in Computing Systems*, Apr 2023, Hamburg, Germany. To appear.

- Tanja Blascheck, **Lonni Besançon**, Anastasia Bezerianos, Bongshin Lee, Alaul Islam, Tingying He, Petra Isenberg. Studies of Part-to-Whole Glanceable Visualizations on Smartwatch Faces. In *PacificVIS 2023*, Apr 2023, Seoul, South Korea. To appear.

- Moritz Hilscher, Hendrik Tjabben, Hendrik Rätz, Amir Semmo, **Lonni Besançon**, Jürgen Döllner, Matthias Trapp. Service-based Analysis and Abstraction for Content Moderation of Digital Images. Graphics Interface 2021.

- Xiyao Wang, **Lonni Besançon**, David Rousseau, Mickael Sereno, Mehdi Ammi, Tobias Isenberg. Towards an Understanding of Augmented Reality Extensions for Existing 3D Data Analysis Tools. *CHI 2020 - ACM Conference on Human Factors in Computing Systems*, Apr 2020, Honolulu, United States. doi: `https://dx.doi.org/10.1145/3313831.3376657`

- **Lonni Besançon**, Amir Semmo, David Biau, Bruno Frachet, Virginie Pineau, El Hadi Sariali, Rabah Taouachi, Tobias Isenberg and Pierre Dragicevic. Reducing Affective Responses to Surgical Images through Color Manipulation and Stylization. In *Proceedings of the Joint Symposium on Computational Aesthetics and Sketch-Based Interfaces and Modeling and Non-Photorealistic Animation and Rendering (Expressive '18)*, ACM, New York, August 2018. doi: `https://dx.doi.org/10.1145/3229147.3229158`

- **Lonni Besançon**, Mehdi Ammi, and Tobias Isenberg. Pressure-Based Gain Factor Control for Mobile 3D Interaction using Locally-Coupled Devices. *In CHI 2017 - ACM CHI Conference on Human Factors in Computing Systems*, pages 1831–1842, ACM, New York, May 2017. doi: `https://dx.doi.org/10.1145/3025453.3025890`

- **Lonni Besançon**, Paul Issartel, Mehdi Ammi, and Tobias Isenberg. Mouse, Tactile, and Tangible Input for 3D Manipulation. *In Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI)*, pages 4727–4740, ACM, New York, May 2017. doi: `https://dx.doi.org/10.1145/3025453.3025863`

- Paul Issartel, **Lonni Besançon**, Florimond Guéniat, Tobias Isenberg, and Mehdi Ammi. Preference between allocentric and egocentric 3D manipulation in a locally coupled configuration. In *Proceedings of the 2016 Symposium on Spatial User Interaction (SUI '16)*. ACM, New York, 2016. doi: `https://dx.doi.org/10.1145/2983310.2985750`

- Paul Issartel, **Lonni Besançon**, Tobias Isenberg, and Mehdi Ammi. A tangible volume for portable 3D interaction. In *the 2016 IEEE International Symposium on Mixed and Augmented Reality (ISMAR-Adjunct)*, Merida. 2016. doi: `https://dx.doi.org/10.1109/ISMAR-Adjunct.2016.0079`

Book Chapters

- **Lonni Besançon**, Wolfgang Aigner, Magdalena Boucher, Tim Dwyer, Tobias Isenberg. 3D Mobile Data Visualization. Dec. 2021.

- Ricardo Langner, **Lonni Besançon**, Christopher Collins, Tim Dwyer, Petra Isenberg, Tobias Isenberg, Bongshin Lee, Charles Perin, Christian Tominski. An Introduction to Mobile Data Visualization. Dec. 2021.

Juried Venues

Entries marked with "**" have been peer-reviewed by external reviewers but the final decision was made through a juried process.

- Deepti Gurdasani, **Lonni Besançon**, Nisreen A. Alwan, Sarah Dean Rasmussen, Trish Greenhalgh, Luke Johnson, Martin McKee, Susan Michie, Kim Prather, Stephen Reicher, Paul Roderick, Hisham ZIauddeen, Zoë Hyde. Pandemic policy must address SARS-CoV-2 transmission in schools, in *The British Medical Journal (BMJ).*

- **Lonni Besançon** David Steadson Flahault Antoine. Correspondence: Open Schools, Covid-19, and Child and Teacher Morbidity in Sweden. In *New England Journal of Medecine*, March 2021. doi: `https://dx.doi.org/10.1056/NEJMc2101280`

- **Lonni Besançon**, Gideon Meyerowitz-Katz, Emilio Zanetti Chini, Hermann Fuchs, Antoine Flahault. Challenges in determining causality: an ongoing critique of Bendavid et al's "Assessing mandatory stay-at-home and business closure effects on the spread of COVID-19." *European Journal of Clinical Investigation, 2021.* Letter to the Editor. doi: `https://dx.doi.org/10.1111/eci.13599`

- **Lonni Besançon**, Gideon Meyerowitz-Katz, Antoine Flahault. Sample size, timing, and other confounding factors: toward a fair assessment of stay-at-home orders. *European Journal of Clinical Investigation, 2021.* Letter to the Editor. doi: `https://dx.doi.org/10.1111/eci.13518`

- ****Lonni Besançon**, Pierre Dragicevic. The Continued Prevalence of Dichotomous Inferences at CHI. *alt.chi, CHI 2019*, May 4 - 7, 2019, Glasgow, UK. doi: `https://dx.doi.org/10.1145/3290607.3310432`

- **Lonni Besançon**, Matthew Cooper, Anders Ynnerman, Frédéric Vernier. Population overlays on choropleths. In *Journées Visu 2019, Agro Paris Tech*, France, Mai 2019.

- Jouni Helske, Matthew Cooper, Anders Ynnerman, **Lonni Besançon**. The *Significant* Effect of Visual Representations on Dichotomous Thinking. In *Journées Visu 2019, Agro Paris Tech*, France, Mai 2019.

- Xiyao Wang, **Lonni Besançon**, Mehdi Ammi, Tobias Isenberg. Navigation Tactile 3D Augmentee pour Mobiles. In *Journées Visu 2018, EDF Lab, Palaiseau*, France, Mai 2018.

- Tanja Blascheck, **Lonni Besançon**, Anastasia Bezerianos, Bongshin Lee, Petra Isenberg. Perception des visualisations sur smartwatch. In *Journées Visu 2018, EDF Lab, Palaiseau*, France, Mai 2018.

- **Lonni Besançon** and Pierre Dragicevic. The Significant Difference between p-values and Confidence Intervals. In Patrick Girard and Thierry Duval, editors, *29ème conférence francophone sur l'Interaction Homme-Machine*, page 10, Poitiers, France, August 2017. AFIHM. Alt.IHM.

- **Lonni Besançon**, Paul Issartel, Mehdi Ammi, and Tobias Isenberg. Interactive 3D Data Exploration Using Hybrid Tactile/Tangible Input. In *Journées Visu 2017, Rueil-Malmaison*, France, June 2017.

Workshops

- **Lonni Besançon** Cody Dunne. DyStopia: Into a potential future of IEEE VIS under Plan S. Extended Abstract of the IEEEVIS Workshop Alt.VIS.
- **Lonni Besançon** Konrad J Schönborn, Erik Sundén, Yin He, Samuel Rising, Peter Westerdahl, Patric Ljung, Josef Wideström, Charles Hansen, Anders Ynnerman. Exploring and Explaining Climate Change: Exploranation as a Visualization Pedagogy for Societal Action. Extended Abstract of the IEEEVIS Workshop VIS4GOOD.
- Barrett Ens, Maxime Cordeil, Chris North, Tim Dwyer, **Lonni Besançon**, Arnaud Prouzeau, Jiazhou Liu, Andrew Cunningham, Adam Drogemuller, Kadek Ananta Satriadi, Bruce H Thomas. Immersive Analytics 2.0: Spatial and Embodied Sensemaking. CHI EA '22: Extended Abstracts of the 2022 CHI Conference on Human Factors in Computing Systems. April 2022. DOI: https://doi.org/10.1145/3491101.3503726
- **Lonni Besançon**, Anastasia Bezerianos, Pierre Dragicevic, Petra Isenberg, Yvonne Jansen. "Publishing Visualization Studies as Registered Reports: Expected Benefits and Researchers' Attitudes." in *alt.VIS 2021, an IEEE VIS Workshop.* DOI:`https://doi.org/10.31219/osf.io/3z7kx`
- Nick Spyrison, Benjamin Lee, **Lonni Besançon**. "“Is IEEE VIS *that* good?" On key factors in the initial assessment of manuscript and venue quality." in *alt.VIS 2021, an IEEE VIS Workshop.* DOI: `https://doi.org/10.31219/osf.io/65wm7`
- Xiyao Wang, **Lonni Besançon**, Florimond Guéniat, Mickaël Sereno, Mehdi Ammi, Tobias Isenberg. A Vision of Bringing ImmersiveVisualization to Scientific Workflows. In *Proceedings of the Workshop on Immersive Analytics at CHI 2019*, May 4 - 7, 2019, Glasgow, UK.
- Tanja Blascheck, Anastasia Bezerianos, **Lonni Besançon**, Bongshin Lee, Petra Isenberg. Preparing for Perceptual Studies: Position and Orientation of Wrist-worn Smartwatches for Reading Tasks. In *Proc. Data Visualization on Mobile Devices, ACM CHI*, 2018, Montreal, Canada.

Extended Abstracts

- Stéphane Gosset, Mickael Sereno, **Lonni Besançon**, Tobias Isenberg. Tangible Volumetric Brushing in Augmented Reality. Posters of IEEE Visualization, Oct 2020, Salt Lake City, United States. October 2020.
- Mickael Sereno, **Lonni Besançon**, Tobias Isenberg. Supporting Volumetric Data Visualization and Analysis by Combining Augmented Reality Visuals with Multi-Touch Input. In *Eurographics Proceedings Extended Abstracts*, June 2019.
- Mickael Sereno, Mehdi Ammi, Tobias Isenberg, and **Lonni Besançon**. Tangible brush: Performing 3D selection with portable and position-aware devices. In *IEEE VIS Poster Compendium*, October 2016
- Mickael Sereno, Mehdi Ammi, Tobias Isenberg, and **Lonni Besançon**. Hybrid Tactile/Tangible Interaction for 3D Selection. In *29ème conférence francophone sur l'Interaction Homme-Machine*, page 6 , Poitiers, France, August 2017.

- Xiyao Wang, **Lonni Besançon**, Mehdi Ammi, and Tobias Isenberg. Augmenting Tactile 3D Data Exploration With Pressure Sensing. *IEEE VIS 2017*, October 2017. Poster.

Patents

- Paul Issartel, Mehdi Ammi, **Lonni Besanccon**. Man/Machine interface with 3D graphics applications

Preprints

- Gideon Meyerowitz-Katz, Praba Sekhar, **Lonni Besançon**, Tari Turner, Steve McDonald. The Citation of Retracted COVID-19 Papers is Common and Rarely Critical.

- Jérôme Barriere, Fabrice FRANK, Lonni Besançon, Alexander Samuel, Véronique Saada, Eric Billy, Barbara Seitz-Polski, Jacques Robert. Reply to "Innate immune suppression by SARS-CoV-2 mRNA vaccinations: The role of G-quadruplexes, exosomes, and MicroRNAs": Important concerns on the validity of this article. DOI: https://doi.org/10.31219/osf.io/m58yh

- Florens, Nans, Gideon Meyerowitz-Katz, Jérôme Barriere, Eric Billy, Fabrice FRANK, Véronique Saada, Alexander Samuel, Barbara Seitz-Polski, Kyle Sheldrick, **Lonni Besançon**. 2022. "Should We Publish Every Correlation During the COVID-19 Pandemic?." OSF Preprints. May 6. doi:10.31219/osf.io/zj4xr.

- Barriere, Jérôme, Fabrice FRANK, **Lonni Besançon**, Alexander Samuel, Véronique Saada, Eric Billy, Barbara Seitz-Polski, et al. 2022. "Should a Request for the Retraction of a Misleading Article Suggesting That Mrna Anti Sars-cov-2 Vaccines May Cause Cancer Be Part of the Scientific Debate or Be Rejected? A Position Paper." OSF Preprints. June 19. doi:10.31219/osf.io/rn8d6.

- Olivier Pourret, Ksenija Baždarić, **Lonni Besançon**, Jo Havemann, Monica Gonzalez-Marquez, David Hedding, Andrew Hursthouse, Dasapta Erwin Irawan, Paola Masuzzo, Sandersan Onie, Daniel Enrique Ibarra, Joy Owango, Charlotte Wien. Open Access Beyond Article Processing Charges. doi:

- Andrew T Levin, Nana Owusu-Boaitey, Sierra Pugh, Bailey K Fosdick, Anthony B Zwi, Anup Malani, Satej Soman, **Lonni Besançon**, Ilya Kashnitsky, Sachin Ganesh, Aloysius McLaughlin, Gayeong Song, Rine Uhm, Gideon Meyerowitz-Katz. Assessing the Burden of COVID-19 in Developing Countries: Systematic Review, Meta-Analysis, and Public Policy Implications. doi: `https://doi.org/10.1101/2021.09.29.21264325`

- **Lonni Besançon**, Yvonne Jansen, Andy Cockburn, Pierre Dragicevic. Definitely Maybe: Hedges And Boosters in the HCI Literature. DOI: https://doi.org/10.31219/osf.io/mjg7h

- Arnaud Prouzeau, **Lonni Besançon**, Joanne Mihelcic. Working from home is the new black: into the private world of remote collaboration in COVID-19 lockdowns. DOI: `https://doi.org/10.31234/osf.io/6cu3t`

- **Lonni Besançon**, Alexander Samuel, Thibault Sana, Mathieu Rebeaud, Anthony Guihur, Marc Robinson-Rechavi, Nicolas Le Berre, Matthieu Mulot, Gideon Meyerowitz-Katz, Brian A Nosek. Open Letter: Scientists stand up to protect academic whistleblowers and post-publication peer review. `https://doi.org/10.31219/osf.io/2awsv`

- Anthony Lanati, Olivier Pourret, ChristopherJackson, **Lonni Besançon**. Research Funding Bodies Need to Follow Scientific Evidence: Preprints Are Here to Stay. `https://doi.org/10.31219/osf.io/k54pe`

Theses

- **Lonni Besançon**. An Interaction Continuum for 3D Dataset Visualization. PhD Thesis, 2018.
- **Lonni Besançon**. Enhancing the semi-autonomous car interface with ambient light. Master Thesis, 2014.