



ChronosHub

Designing
scholarly publishing tech
for everyday users

25-10-29

Speakers



Keynote speaker

Yen M. T. Trinh
Senior Product Designer

ChronosHub



Keynote speaker

Marjorie Thibaut
Senior Product Designer

ChronosHub



Guest speaker

Autumnne Franklin
User Experience Manager

American Chemical Society



Guest speaker

Arun Ramkumar
Senior Product Manager

Kriyadocs

Agenda

Introduction

Designing for everyday users

Talk · Yen M. T. Trinh

The ChronosHub design principles

Talk · Marjorie Thibaut

The ChronosHub design approach with case

Talk · Arun Ramkumar

Design by Kriyadocs

Talk · Autumnne Franklin

Design by American Chemical Society

Conversation

Participant questions and panel discussions

Yen M. T. Trinh

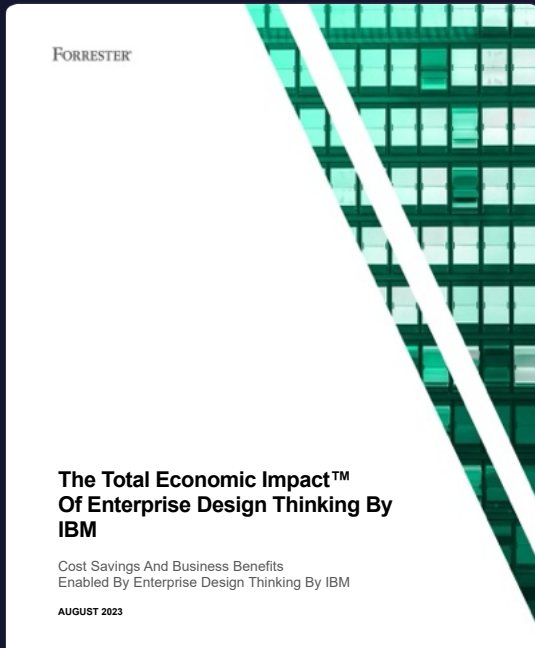
The importance of design

Design and designing



Good design is good business

Total Economic Impact Of Enterprise Design Thinking By IBM (2023)



The New Design Frontier (2019)



The Business Value of Design (2018)








Yen M. T. Trinh

The ChronosHub design principles

Designing for everyday users

*Simplifying user experience
while maintaining workflow complexity*

The ChronosHub Design Principles

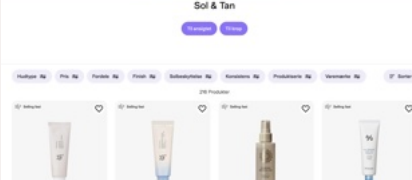
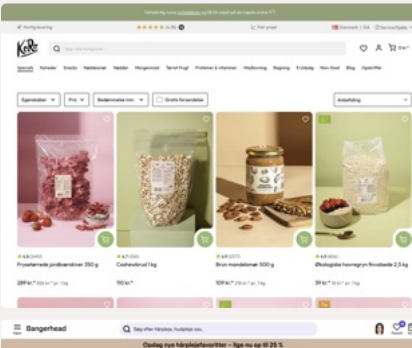
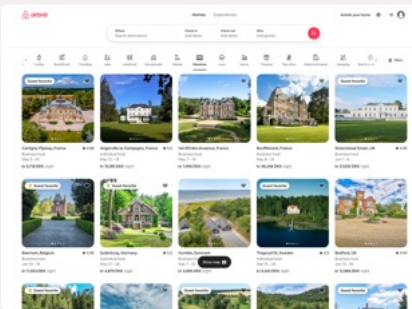
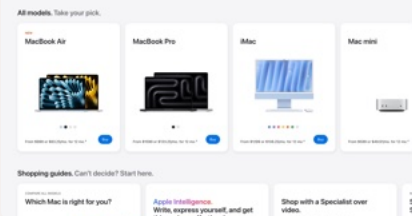
-  Centralizing **user goals and needs**
-  Applying **ordinary contemporary logic**
-  Affording **user-interface interaction**
-  Ensuring **coherence and harmony**
-  Expressing **brand identity**



USER



CUSTOMER



Ordinary contemporary logic

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🔍 📄 🗨️ 📧 **Aurora Anderson**
auroraanderson@astu.edu

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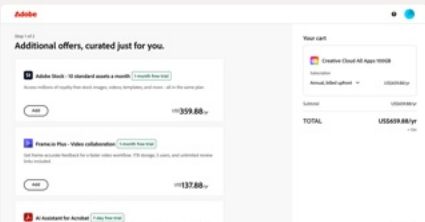
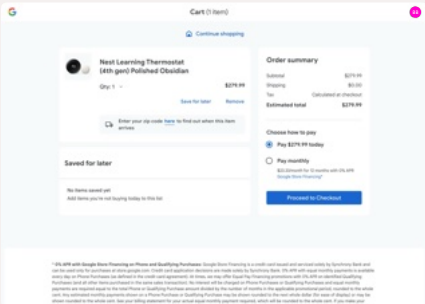
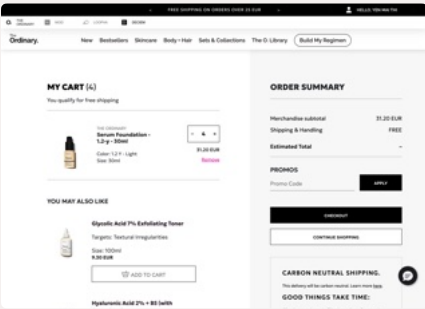
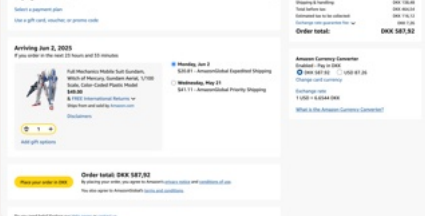
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Transactions on Pattern Analysis and Machine Intelligence

SIMPLcity: Semantics-Sensitive Integrated Matching for Picture Libraries

- Type of article: Paper
- Corresponding Author: Jeanne Dupont
- Affiliated organization: The Pennsylvania State University
- Agreement eligibility: Compliant

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Editor-in-Chief: **Kyoung Mu Lee**

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User-interface interaction

Generative AI for Transformative Healthcare: A Comprehensive Study of Emerging Models, Applications, Case Studies, and Limitations

Overview Authors Activities Quality Check Documents Metrics

Publishing details

Type of article Original Research
 DOI (Not yet available)
 Publication page (Not yet available)

Corresponding author

Aurora Anderson
 auroraanderson@astu.com

Funder

Bill and Melinda Gates Foundation
 ID: 123456

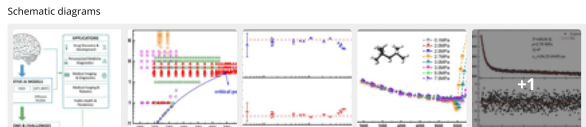
Affiliated organization

National Science Foundation
 Arlington, VA, USA
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Article details

Abstract
 This study investigates the impact of advanced AI techniques on the future of medical care. It analyzes innovative architectures like adversarial networks and sequence-to-sequence models, their roles in diagnosis and tailored treatment plans, and offers detailed examples of AI-based healthcare solutions. The analysis also considers challenges, moral implicat...

AI Diagnosis Tools AI Treatment Plans Healthcare AI Medical AI Emerging AI Models Generative Models



ChronosHub Platform: Publication Page as Author (Mockup)

Back

The Cognitive Impact of Digital Amnesia: A Case Study of Information Recall in Psychology Students

Overview Authors Activities Quality Check Documents Metrics

Publishing details

Type of article Case Study
 DOI (Not yet available)
 Publication page (Not yet available)

Corresponding author

Philip Parker
 auroraanderson@astu.com

Funder

The Atherton Family Foundation
 ID: 000000

Affiliated organization

American Institute of Psychology
 New York, NY, USA

Competing interest: None

Article details

Abstract
 This research delves into the impact of digital device usage on memory among university students. It analyzes the relationship between smartphone usage and information recall in psychology students at Eldoria State University. The study investigates the correlation between digital reliance and cognitive retention, proposing new strategies for learning and me...

Read more
 Digital amnesia Memory performance Memory retention Cognitive psychology Educational technology

Publication Status

Under consideration 01/09/2025
 Estimated publishing time 12/04/2026

Review Status

Awaiting review 21/10/2025
 Review due on 17/10/2025

Complete review

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Publication Status

Under consideration 13/07/2025
 Estimated publishing time 03/17/2025

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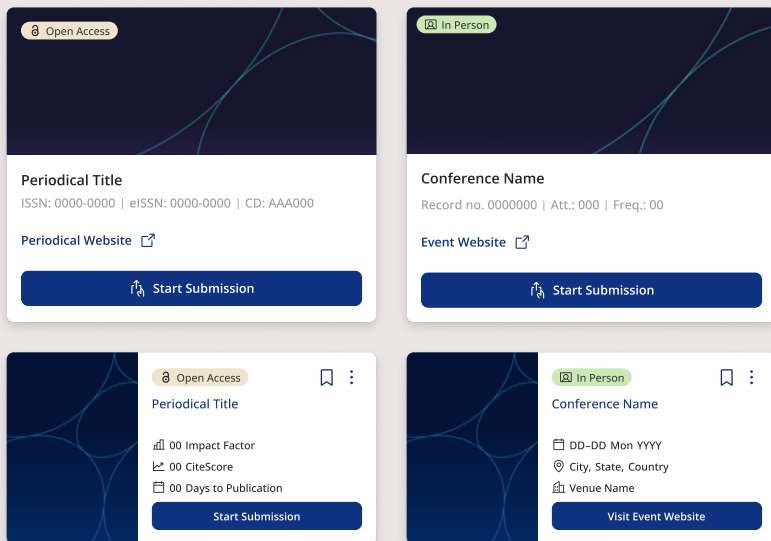
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Coherence & harmony



Publication Venue Card: Periodicals and Conferences (Mockup)

Coherence & harmony

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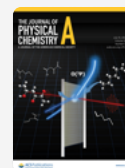


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Journal Title

Created 5 May 2025



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ID-VDOL-9173-8264

Optimizing Biofuel Production from Algae Using Novel Catalytic Conversion Techniques

Industrial & Engineering Chemistry Research

Under Consideration 1

Submission Received

ID-VDOL-1256-3478

Revolutionizing Chemical Processes: A Review of Photon-Driven Catalysis for Sustainable Industrial Applications

Industrial & Engineering Chemistry Research

Received 3 Jul 2025



Decision Made 1

Revision Requested

ID-VDOL-1470-2581

Advanced Polymer Creation with Sono-Activation: A State-of-the-Art Sensor Monitoring System

Polymer Science & Technology

Requested 16 Jun 2025

Revise by 23 Jul 2025



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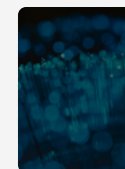


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Adaptive Beamforming Techniques for Mitigating Atmospheric Turbulence in Free-Space Optical Communication
Proceedings of the IEEE

Received 3 Jul 2025



Decision Made 1

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IEEE Spectrum

Requested 16 Jun 2025
Revise by 23 Jul 2025



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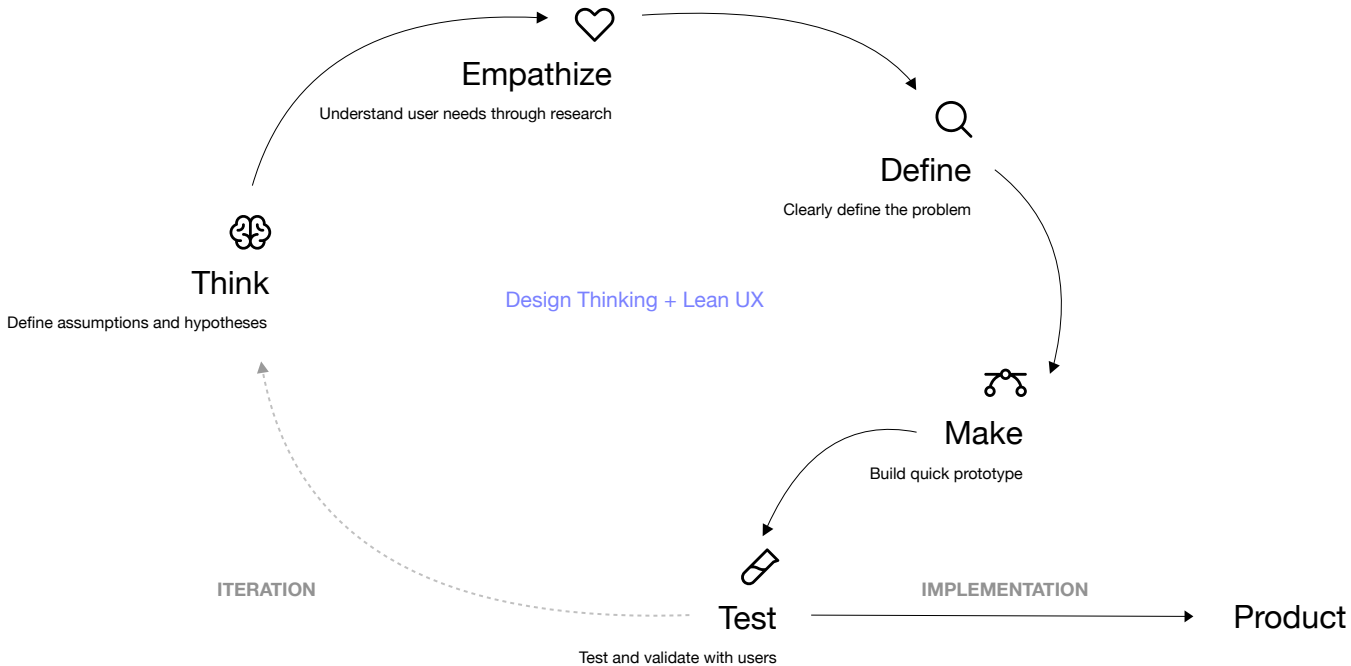
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Xomotion Device Impr

Marjorie Thibaut

The ChronosHub design approach

Design approach



Marjorie Thibaut

Design case: The author billing flow

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Research Article:

IEEE Transactions on Microwave Theory and Techniques Manuscript ID: Institute of Electrical and Electronics Engineers

Corresponding Author Affiliation:

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Infographic	\$300.00
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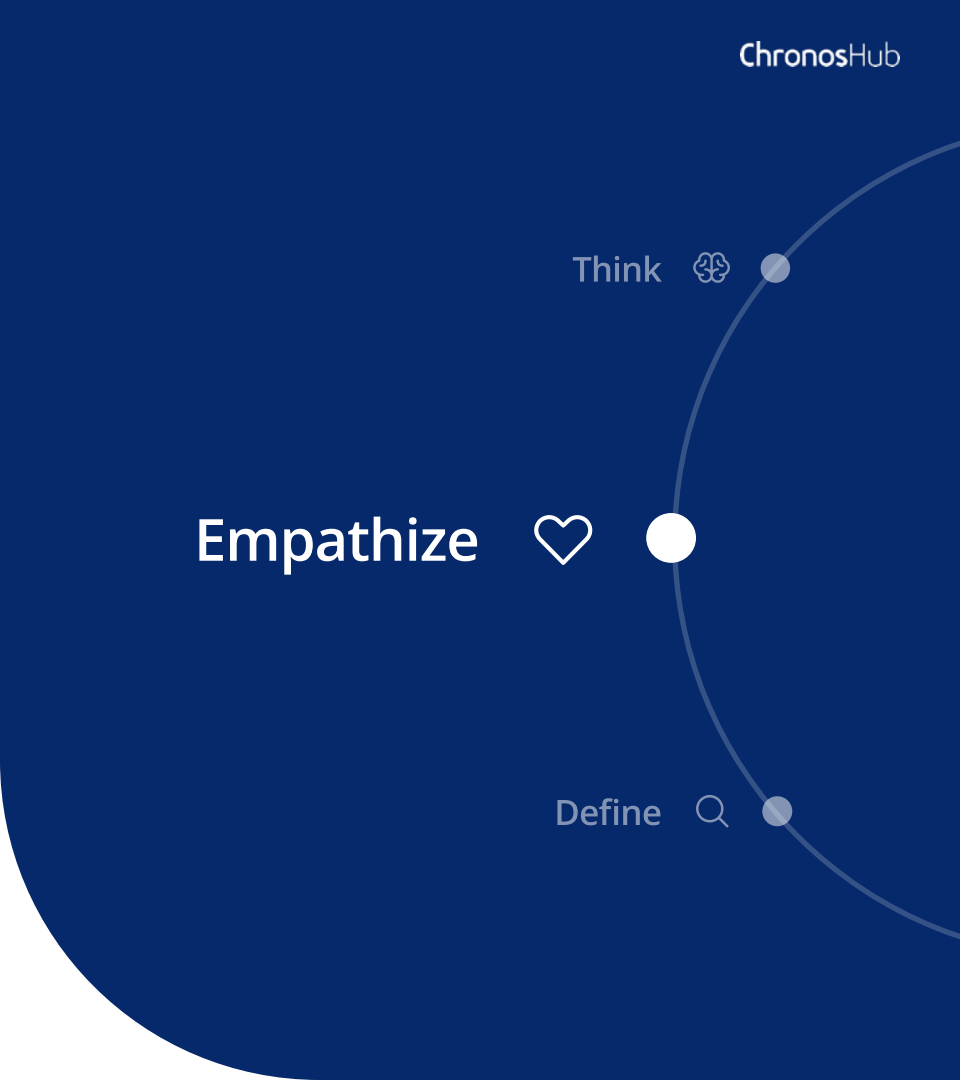
Defining assumptions & hypotheses for the flow

Think  

Empathize  

The author billing flow

Understanding user needs & mental models



The author billing flow

Framing the User Problem

Define 🔍 ●

Empathize ❤️ ●

Make 🔧 ●

The author billing flow

Designing the Billing Flow

Make



Current state

Define



Test



The author billing flow

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Transactions on Pattern Analysis and Machine Intelligence

SIMPLicity: Semantics-Sensitive Integrated Matching for Picture Libraries

Type of article Paper

Corresponding Author Jeanne Dupont

Affiliated organization The Pennsylvania State University

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The author billing flow

Validating the Billing Flow Design

Test 

Make 

Think 

Participant questions and panel discussions

Question

Is the same UX and/or UI applied to the same products for the same users and/or customers?

Question

What do you think is important for UX designers to keep in mind when implementing & governing a design system, and are there any components you believe are specific to our industry that are often left out?

Question

How do you collect and integrate user feedback to understand issues related to existing interface features and design to implement improvements?

Question

What would you recommend doing when it isn't possible to do proper testing with users for all features due to lack of resources? Some realities can only afford it for development of major functionalities but not for minor improvements/features.



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