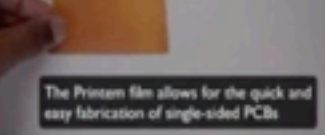


Peripheral nerves

Atención periférica


She adds its video preview to her playlist.



The Printem film allows for the quick and easy fabrication of single-sided PCBs

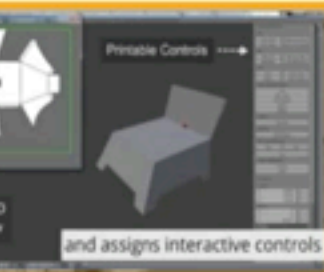
Printem: Instant Printed Circuit Boards with Standard Office Printers & Inks

Varun Perumal C, Daniel Wigdor




Capricate: A Fabrication Pipeline to Design and 3D Print Capacitive Touch Sensors for Interactive Objects

Martin Schmitz, Mohammadreza Khalilbeigi, Matthias Balwierz, Roman Lissermann, ...



Foldio: Digital Fabrication of Interactive and Shape-Changing Objects With Foldable Printed Electronics


Simon Olberding, Sergio Soto Ortega, Klaus Hildebrandt, Jürgen Steimle



uniMorph - Fabricating Thin Film Composites for Shape-Changing Interfaces


Felix Heibeck, Basheer Tome, Clark David Della Silva, Hiroshi Ishii

Touch Innuit



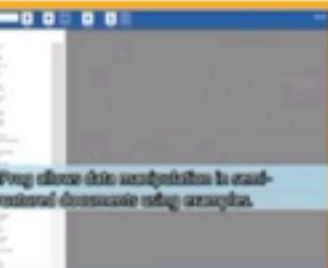
Explaining Visual Changes in Web Interfaces

Brian Burg, Andrew J Ko, Michael Ernst




Unravel: Rapid Web Application Reverse Engineering via Interaction Recording, Source Tracing, and Library Detection

Joshua Hirschman, Haoqi Zhang



User Interaction Models for Disambiguation in Programming by Example

Mikaël Mayer, Gustavo Soares, Maxim Grechkin, Vu Le, ...



Webstrates: Shareable Dynamic Media

Clemens Klokmoose, James Eagan, Siemen Baader, Wendy Mackay, Michel Beaudouin-Lafon

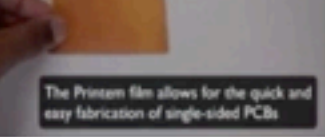
Tannihlæc

Closing Keynote

- Mientras tenemos el foco en algo puntual, seguimos prestando atención en segundo plano a lo que pasa en nuestra periferia.
- Cómo diseñamos para “la periferia” del foco de atención del usuario?

Carla F. Griggio, Nam Giang, Germán Leiva, and Wendy E. Mackay. The UIST Video Browser: Creating Shareable Playlists of Video Previews. UIST '16 Adjunct). <https://doi.org/10.1145/2984751.2985703>


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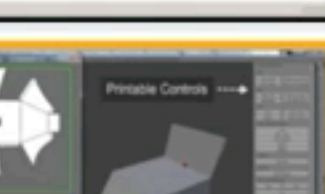
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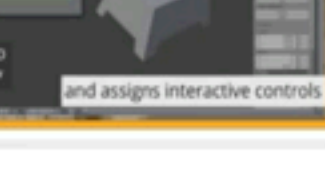
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two materials with vastly different coefficients of thermal expansion create a unimorph actuator when composited

uniMorph - Fabricating Thin Film Composites for Shape-Changing Interfaces

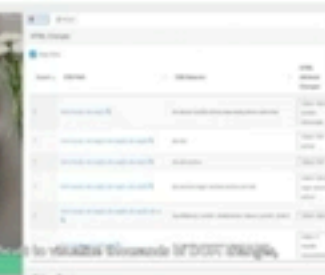
Felix Heibeck, Basheer Tome, Clark David Della Silva, Hiroshi Ishii

Touch Inuit




To reverse-engineer interactive behaviors, a developer must understand large amounts of third-party CSS, DOM, and JavaScript code.

Brian Burg, Andrew J Ko, Michael Ernst




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Validating client-side navigation in semi-structured documents using examples.

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Tannihlæc

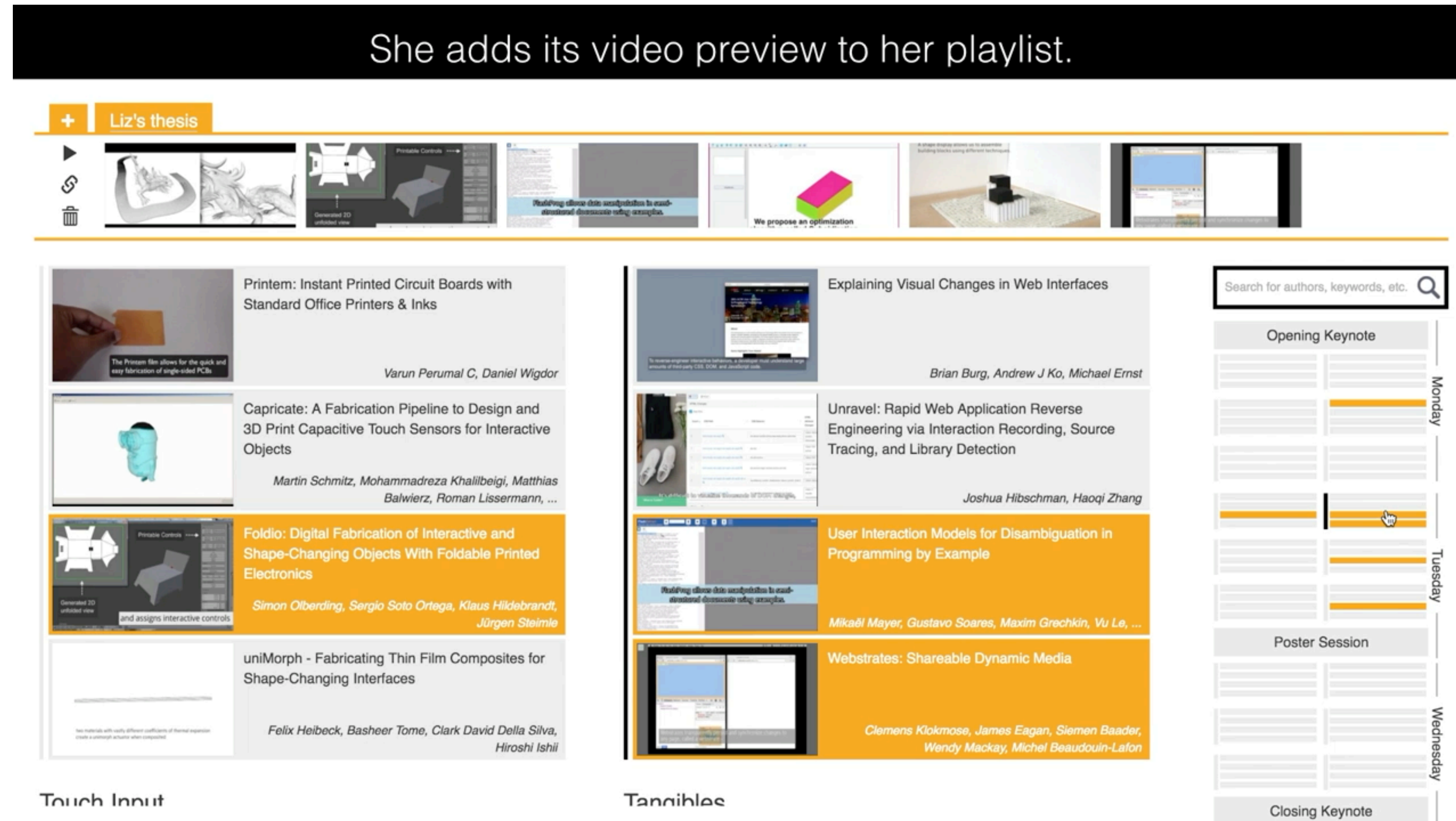
Search for authors, keywords, etc. 

Opening Keynote	
	
	
	
	
	
	
Poster Session	
	
	
	
Closing Keynote	

Atención periférica

Peripheral awareness

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```
73     return build(YOUTUBE_API_SERVICE_NAME, YOUTUBE_API_VERSION,
74                 http=credentials.authorize(httplib2.Http()))
75
76
77
78 # Call the API's captions.list method to list the existing caption tracks.
79 def list_captions(youtube, video_id):
80     results = youtube.captions().list(
81         part="snippet",
82         videoId=video_id
83     ).execute()
84
85     for item in results["items"]:
86         id = item["id"]
87         name = item["snippet"]["name"]
88         language = item["snippet"]["language"]
89         print("Caption track '%s(%s)' in '%s' language." % (name, id, language))
90     return results["items"]
91
92
93 # Call the API's captions.insert method to upload a caption track in draft status.
94 def upload_caption(youtube, video_id, language, name, file):
95     current_captions = youtube.captions().list(
96         part="snippet",
97         videoId=video_id
98     ).execute()
99     # print(f"List of captions: {current_captions}")
100     if 'Author captions' in json.dumps(current_captions):
101         print(f"Caption already exists for {video_id}")
102     else:
103         print(f"Uploading {file} for {video_id}")
104         try:
105             insert_result = youtube.captions().insert(
106                 part="snippet",
107                 body=dict(
108                     snippet=dict(
109                         videoId=video_id,
110                         language=language,
111                         name=name
112                     ),
113                     media_body=file
114                 ).execute()
115         except:
116             print(f"cap already exists {current_captions}")
117         else:
118             id = insert_result["id"]
119             name = insert_result["snippet"]["name"]
120             language = insert_result["snippet"]["language"]
121             status = insert_result["snippet"]["status"]
122             print("Uploaded caption track '%s(%s)' in '%s' language, '%s' status." % (name,
123                 id, language, status))
124
125
```