SPICY talks '22

All-out PHYGITAL

The community gathering for
Creative Tech professionals

22-23 NOV
Brussels

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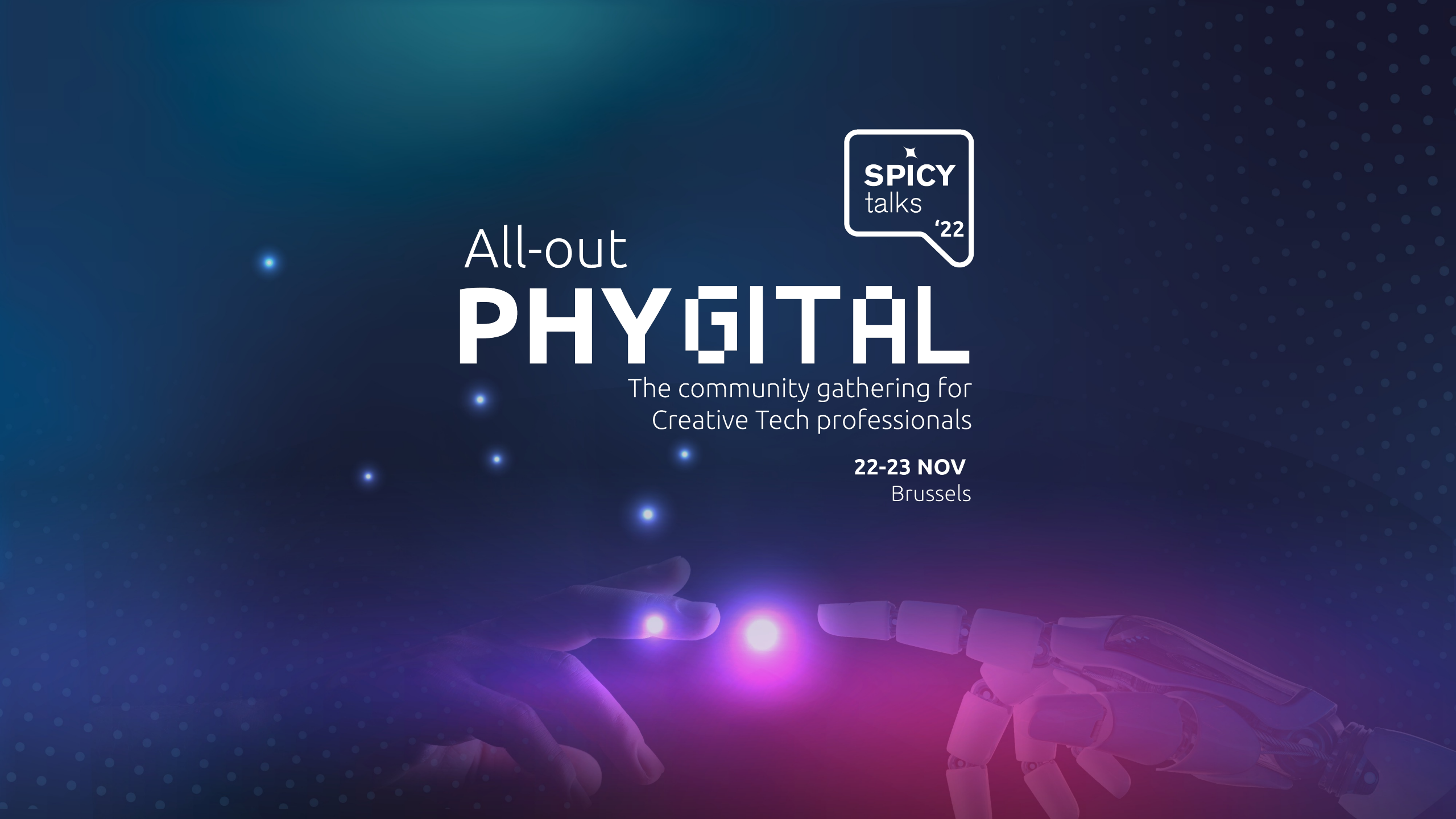

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Deconstructing a showcase integration - built for performance with React

Sean Crowe – Director Global Technical Success
Brian Roels – Chapter Lead Javascript

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BOOST by **INTEGRATING** at **SCALE**

What to expect

- Studio Technology Stack
- React 101
- GraFx Meme Studio
- Code Deep Dive
- Q&A

I'm not saying it's going to be technical
But it's going to be technical

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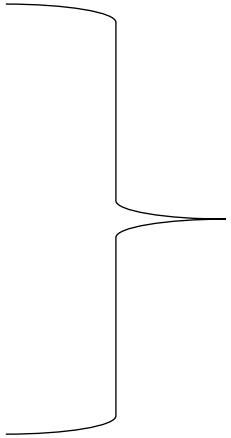
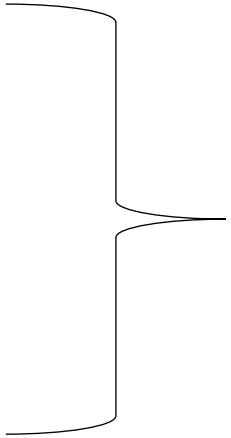
Studio Technology Stack

- editor-engine
- editor-sdk
- editor-workspace



Studio Technology Stack

- editor-engine
- **editor-sdk**
- editor-workspace



SDK

- Bridge between engine and workspace / integration
- JS / TS
- NPM and Yarn

SDK

GraFxStudio

- Getters and Setters

```
window.SDK.document.getCurrentDocumentState()
```

- Listeners

```
window.SDK.config.onScrubberPositionChanged = (newAnimationPlaybackState) => {
    setAnimationPlaybackState(newAnimationPlaybackState)
};
```

- async/await

```
const document = (await window.SDK.document.getCurrentDocumentState()).data;
```

React 101

What is React?

- JS ~~framework~~ library
- Re-usable components
- Hooks

Hooks - useState

```
const [isConnectorLoaded, setIsConnectorLoaded] = useState(false);
```

Hooks - useEffect

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```
useEffect(() => {
  // Do something

  return () => {
    // clean up
  }
}, [])
```

Brace Yourselves
A lot of code is coming

GraFx Meme Studio & Code deep dive

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Q&A

go give us a star on GitHub

Thank you!

Title comes here

All-out

- More than just online/offline bridge
- Editor 2 product focus
- Speed
- Performance
- Integration
- Future
- Link with SPICY stars, partner stories, team expertise
- Defines the broad scope of all SPICY talks bizz/tech sessions

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Thank you!