iCoseg

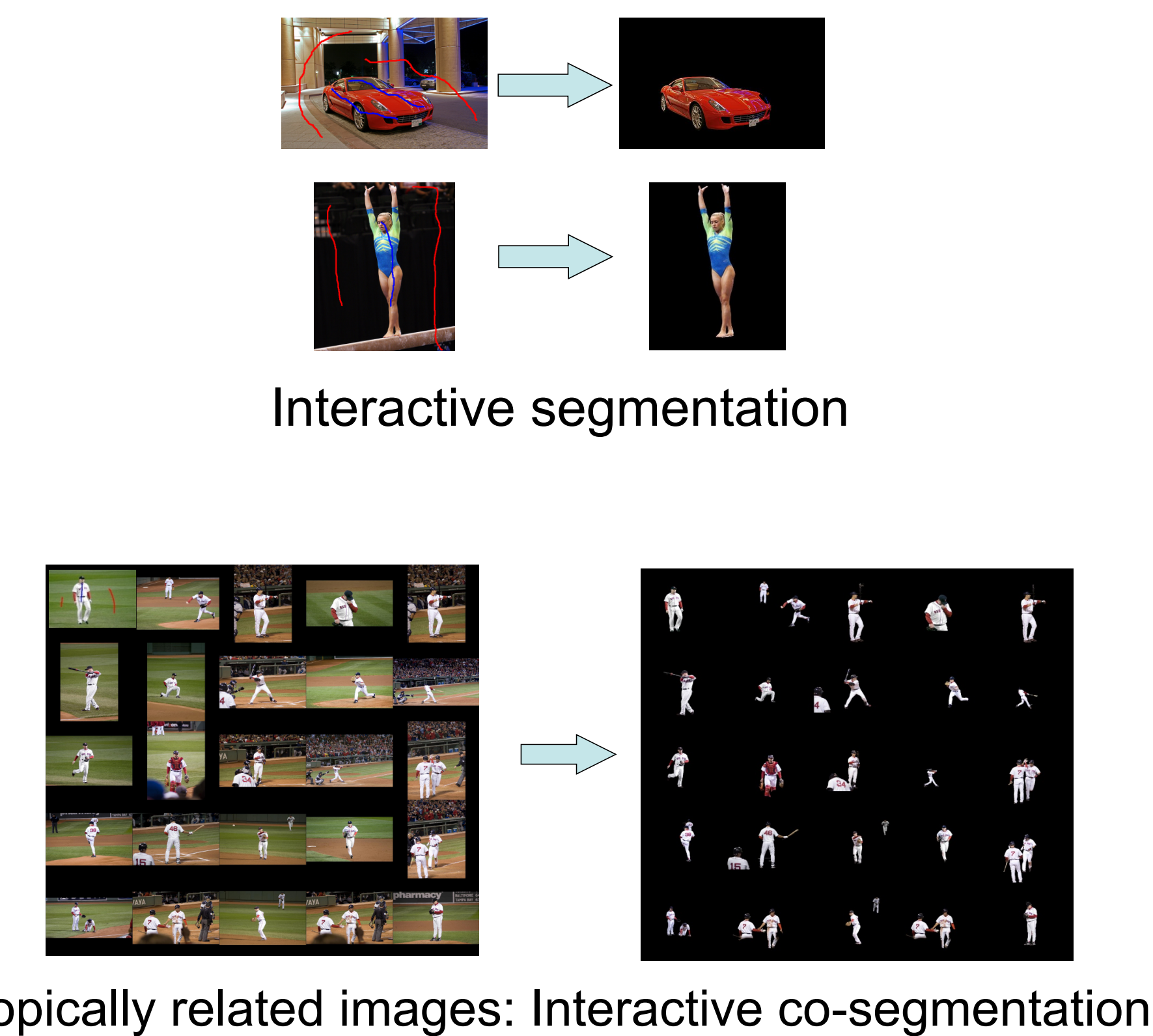Jason Lew[1],   Adarsh Kowdle[1],   Dhruv Batra[2],   Tsuhan Chen[1]

[1]Cornell University   [2]Carnegie Mellon

Interactive Cosegmentation

Why interactive computer vision algorithms?

Many unsupervised computer vision problems are ill-posed and undefined without additional information from the user. The goal of interactive computer vision algorithms is to allow you as a user to easily guide the system towards what **you** are interested in.

Interactive segmentation

Topically related images: Interactive co-segmentation

Embedded Devices

Why mobile?

-Increasingly prolific
-Increasingly powerful
-Portable
-Camera
-Internet connectivity
-Responsive touch screens

iCoseg for iPhone, iPod Touch, and iPad

Select an image

Scribble

Send data to server

Cosegment images

Send segmented images back to client

Scribble again

Cosegment again