



# Abschlusspräsentation

Image Understanding

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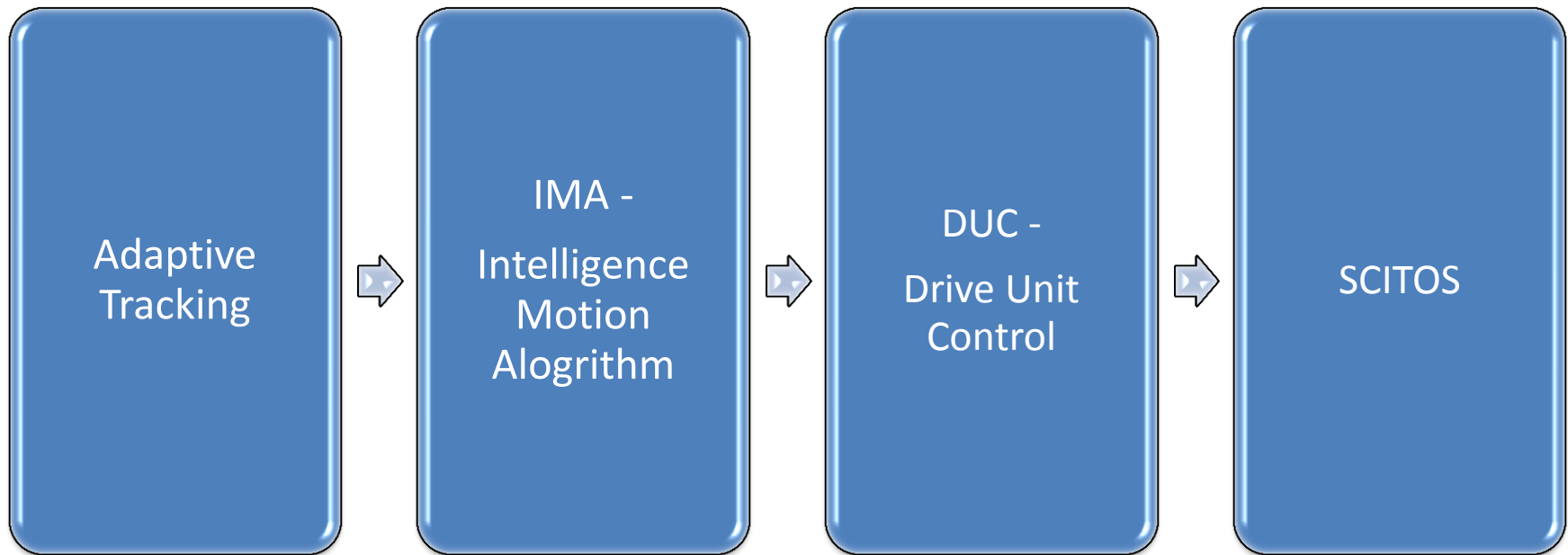
# Aufgabenstellung

- AdaptiveFaceTracking, ACl,  
"[Allg] Face Exchange"
- Ziele: Rechteck beim AdTracking aufziehen  
und per direkte Steuerung festen Abstand zur  
Objekt | Person halten, dh. folgen, drehen,  
aber auch zurückfahren

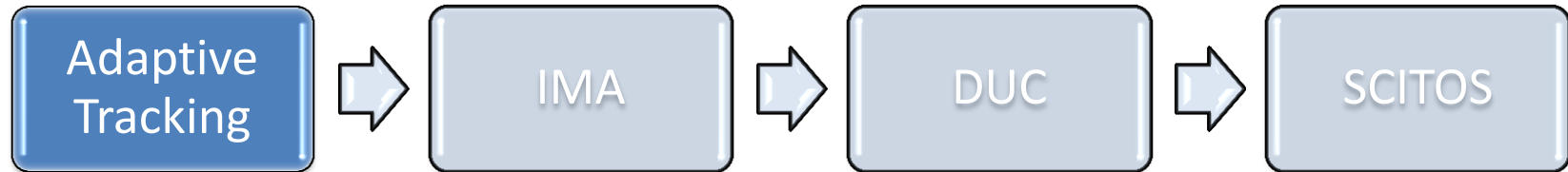




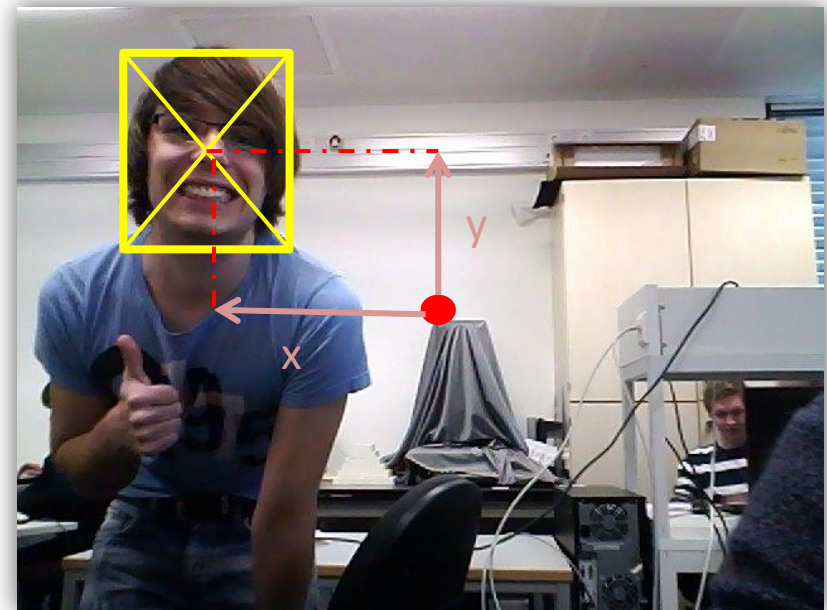
# Projektumfang



# Adaptiv Tracking Erweiterung

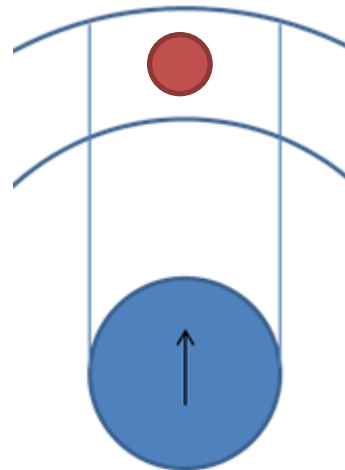
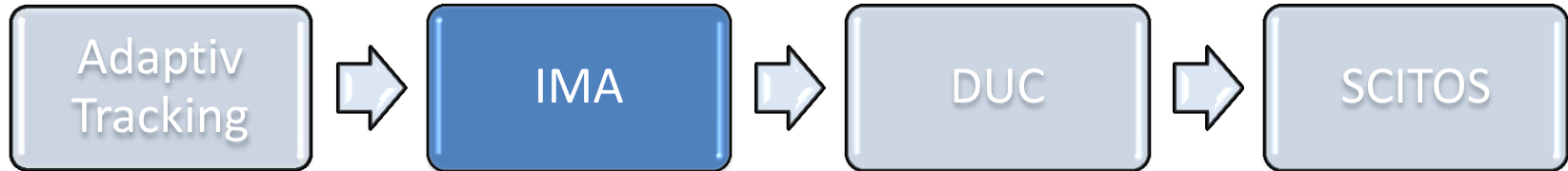


- Ausgabe X,Y-Koordinaten
- Ausgabe Kantenlänge  
Box





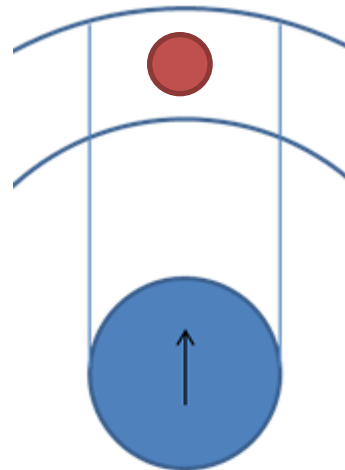
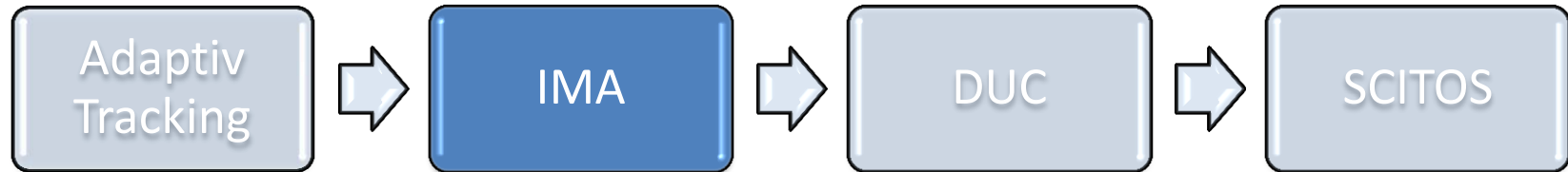
# IMA - Intelligence Motion Alogrithm



- Drehung
- Konstanter Abstand



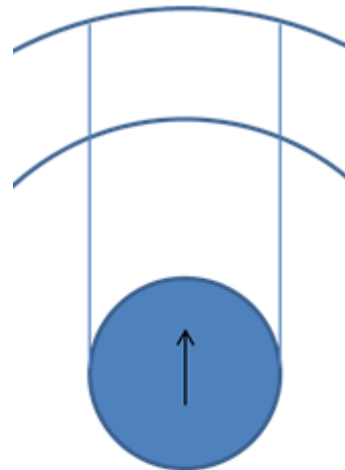
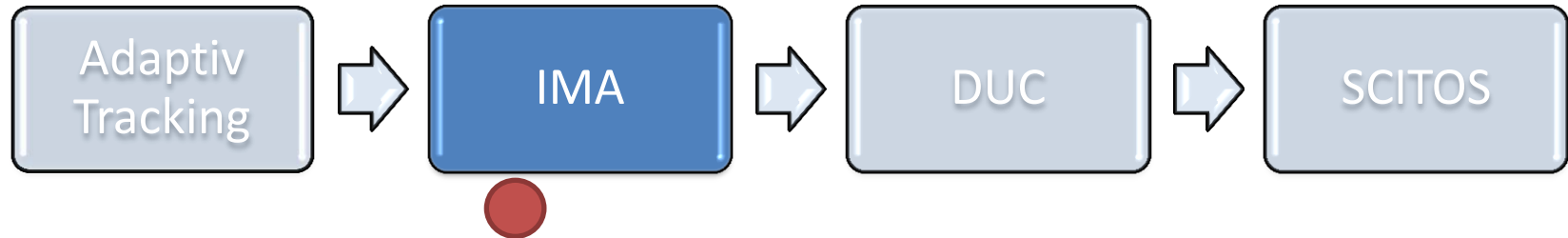
# IMA - Intelligence Motion Alogrithm



- Abstand halten
- Gerade



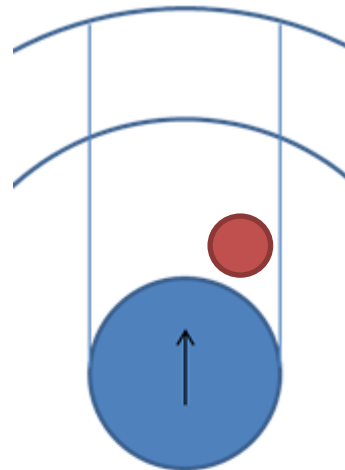
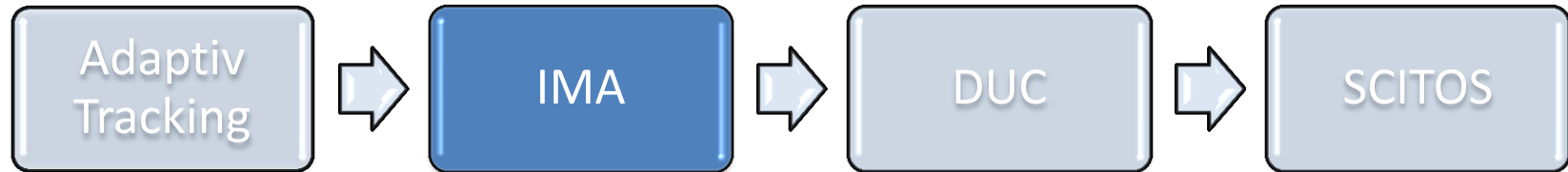
# IMA - Intelligence Motion Alogrithm



- Anfahren
- Linkskurve
- Entferntes Objekt



# IMA - Intelligence Motion Alogrithm

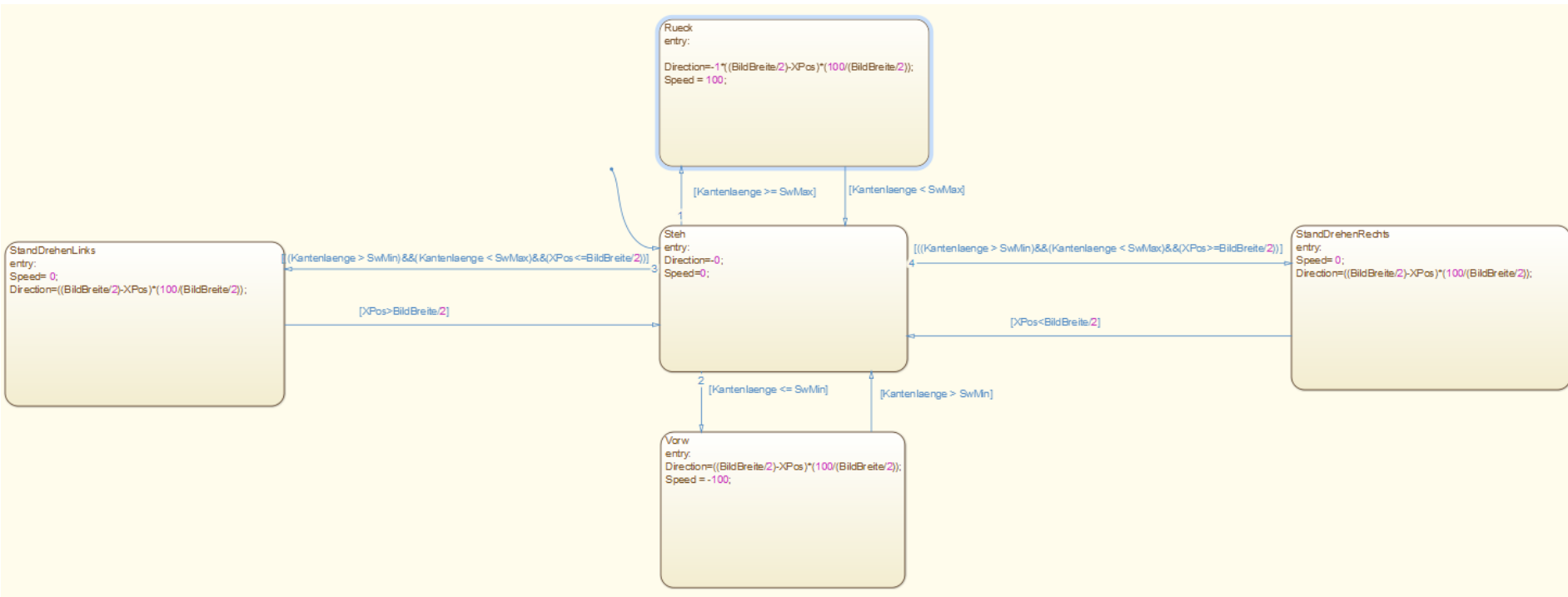
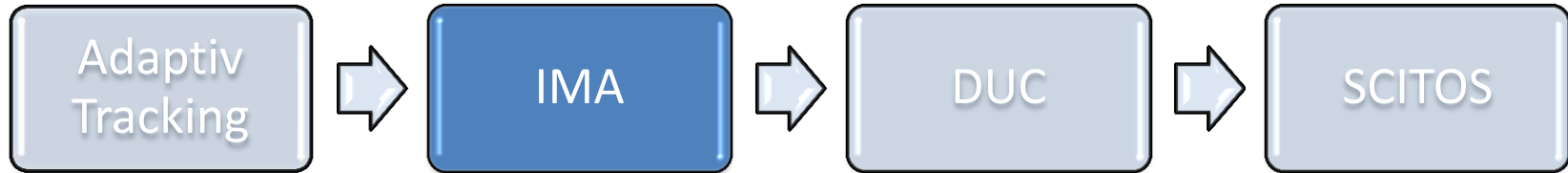


- Anfahren
- Nahes Objekt



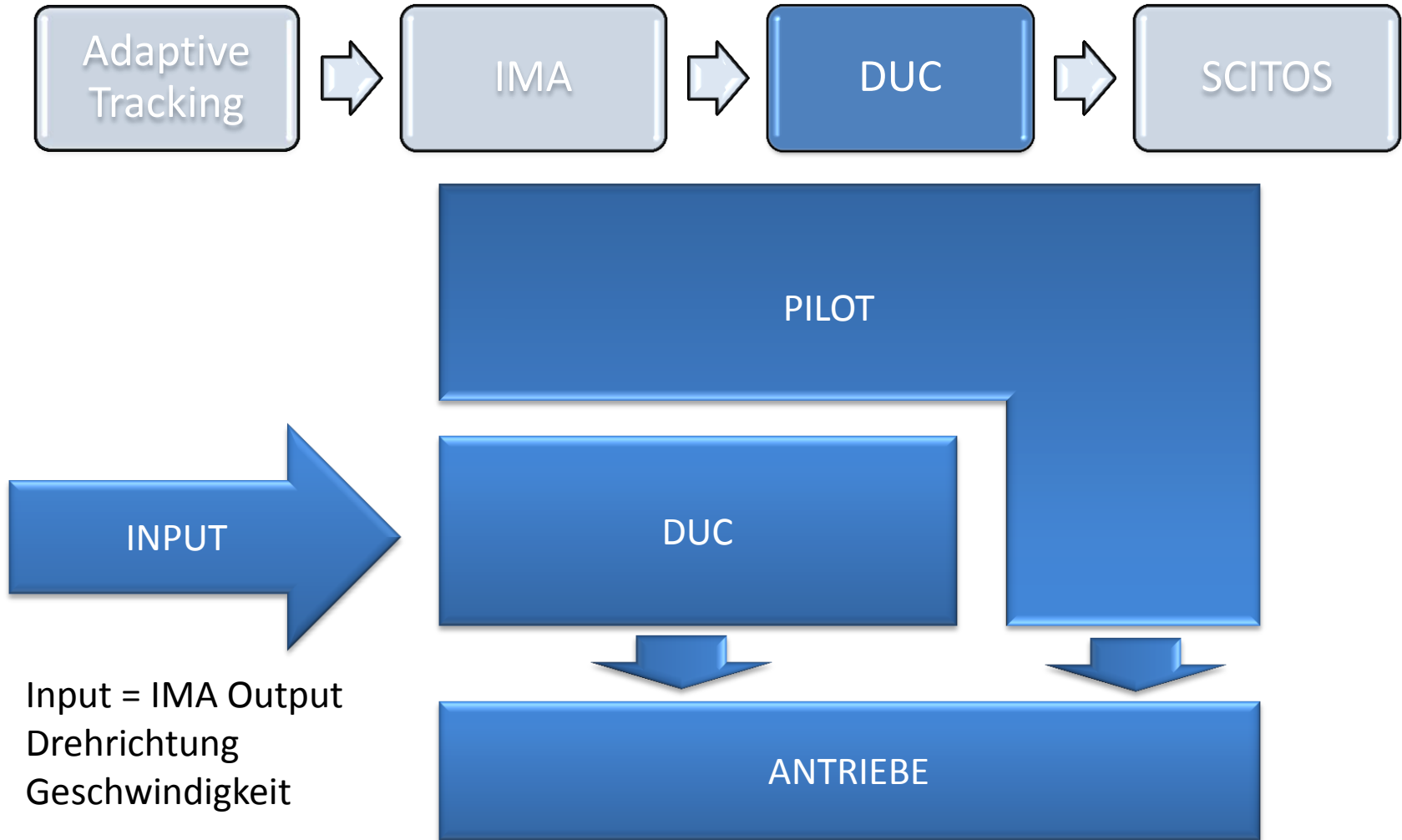


# IMA - Intelligence Motion Alogrithm



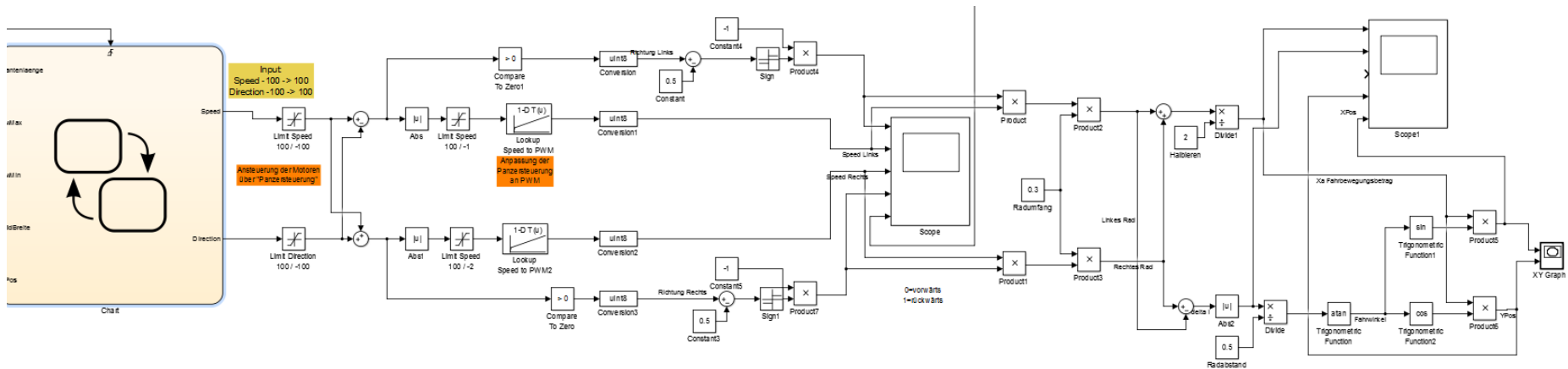
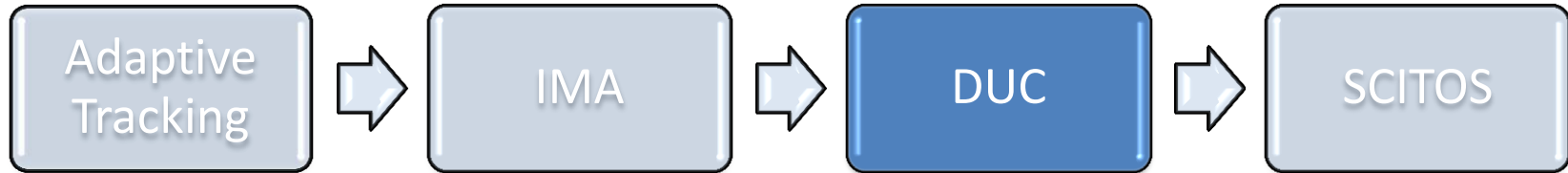


# DUC - Drive Unit Control

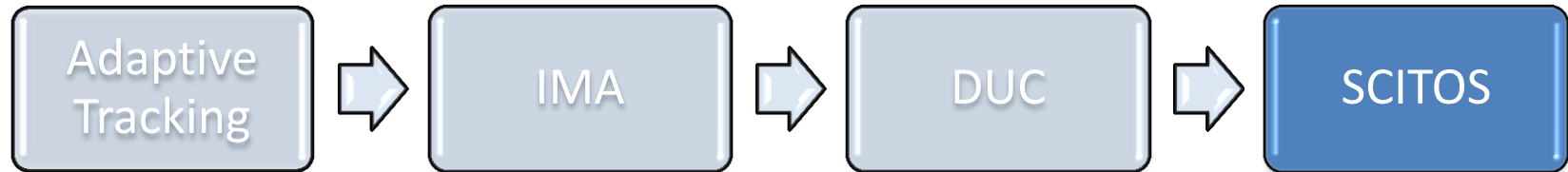




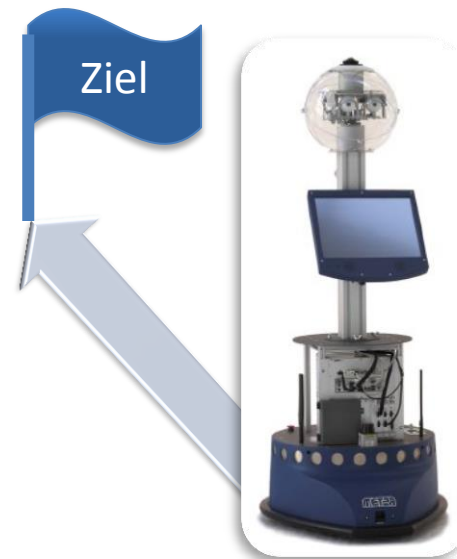
# DUC - Drive Unit Control



# Fahrbewegung durchführen

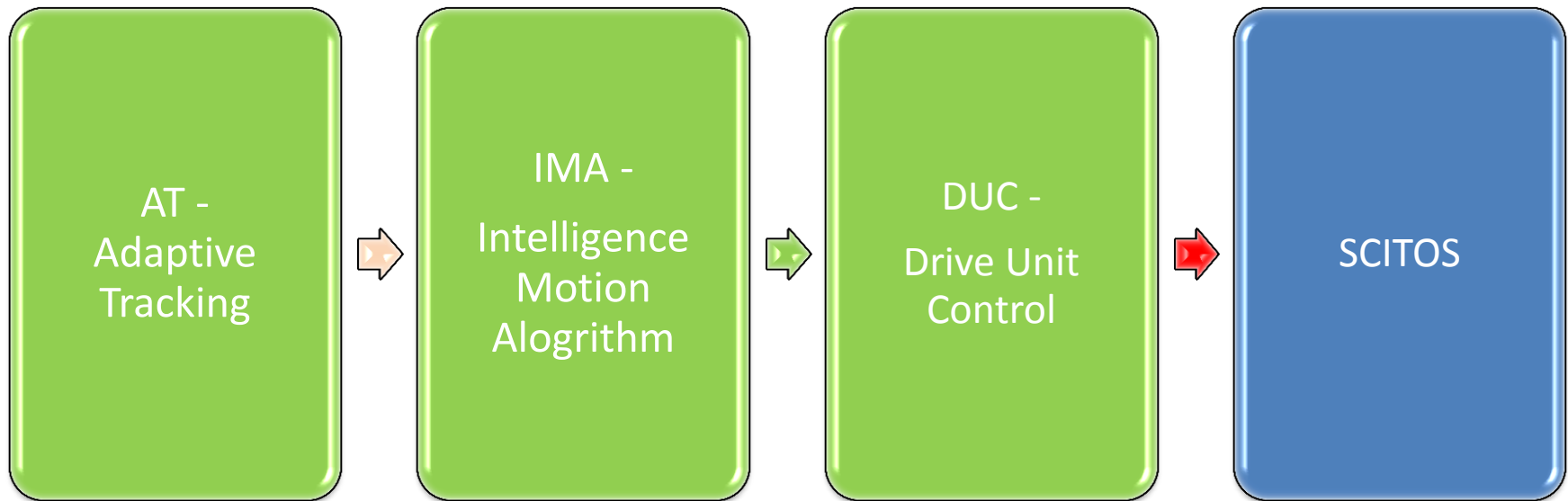


- Antriebe auf Sollwerte des DUC setzen





# Projektabschluss





# Problematik

- Treiber zur direkten Ansteuerung existiert nicht
- Keine LOW-Level-Funktion zur direkten Steuerung der Antriebseinheit
- Verschiebung der Projektziele
- Keine Validierung auf SCITOS möglich





# Diskussion

