## **Contents**

	Plenary speeches	7
1.	Resilient crop and livestock systems	
a)	Crop management	15
<b>b</b> )	Crop abiotic stress	41
c)	Crop biotic stress	71
d)	Animal nutrition	93
e)	Animal production	119
2.	Production resources	
a)	Soil health	147
<b>b</b> )	Water quantity and quality	175
c)	Amendments and nutrient management	199
d)	Climate change adaptation and mitigation	233
3.	Land use, agroecology and biodiversity	
a)	Perspectives on agroecology	261
b)	Agroforestry	279
c)	Biodiversity and neglected species	311
d)	Rangelands and forages	347
4.	Food systems and nutrition	
a)	Food environments	377
b)	Sustainable food systems	403
c)	Sustainable nutrition security	423
d)	Food quality and processing	441
<b>5.</b>	Social learning and governance	
a)	Governance and local livelihoods	465
<b>b</b> )	Gender, power, and access: Dynamics in land and food systems	491
c)	Social learning and network	511
d)	Bridging farmer innovation and digital co-design	537



## 6. Agricultural innovation and economic transformation

a)	Digital innovations	563
b)	Development economics	589
c)	Science policy	615
d)	Land system changes	637
7.	Institutions	
a)	DAAD SDG seminar	669
	Index of authors	695
	Index abstract IDs	715