### Current status of the strip sensors





# HG Zaunick JLU Giessen



PANDA CM GSI, June 25, 2019





### **Sensor deliveries**

- Sensors for barrel #3 (= 4 batches = 100 sensors) deliverd by CiS and QA checked (2015/16)
- First lots were rejected almost entirely due to problems with wafer material
- First part of barrel #4 delivered in 2018/19 (1 batch=25 sensors)

### Sensor QA - Criteria

#### **Complete survey for:**

- Vbd > 180V
- Max 5 pinholes on p side
- No pinholes on n-side

#### Sample-wise measurements of

- PolySi resistance
- Capacitances: bulk, interstrip, stray, bias-bulk etc.

# Sensor QA

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### Sensor QA

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341775	23	24	1	2	4	8		
341776	22	24	7	11	32	46		
342563	23	16	11	13	48	81		
341772	23	21	7	16	30	76		
341773	11	10	7	4	64	40		
352154	1	1	1	1	100	100		
352155	24	25	20	20	83	80		
352156	24	24	14	14	58	58		
352157	23	23	17	16	74	70		
381921	23	22	18	20	78	91		
381922	10	8	7	5	70	63		
Sum	225	221	115	133	51	60		

Newly delivered sensors are fine. Problems with wafer material gone.