

# **Analog BIRD Overview**

**IBIS-ATM teleconference**

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# Buffer modeling BIRDs

- **BIRD 116.1 Add IBIS-ISS to [External Model] and [External Circuit]**
  - makes IBIS-ISS subcircuits available for .ibs files
  - planning to add a BIRD 158 example
- **BIRD 117.4 Parameterize D\_to\_A and A\_to\_D Converters**
  - allows for setting the stimulus amplitude of “Thevenin model” in [External Model] parametrically
- **BIRD 118.3 Analog Parameter Assignments**
  - allows for passing parameters into IBIS-ISS subcircuits from parameter trees
- **BIRD 129 Add "polarity" Argument to D\_to\_A Converters**
  - simplifies the stimulus generation for true differential subcircuits
- **BIRD 145.2 Cascading IBIS I/O buffers with [External Circuit]s**
  - allows on-die interconnect modeling
- **BIRD 153 Parameter Tree Keyword**
  - allows parameter trees inside .ibs files

**All of these BIRD are in a technically mature state, but they are in the old ASCII text format. They need to be converted to the new v5.1 Word format and then reviewed before we vote them to be submitted to the Open Forum.**