

# CONTENTS

## 1

### FORM AND CONSTRUCTION

- 6 Annual wood jointing session Feng Jiang
- 9 Pre-bushing a cello endpin hole Michael Doran
- 12 Laying out the corners Christopher Jacoby
- 15 Marking out measurements Torbjörn Zethelius
- 18 Using a 'double-cross' violin mould Carsten Hoffmann
- 21 Making a cello mould Sebastian Zens
- 24 Clamping a centre joint George Yu
- 27 Installing a carbon-fibre reinforcement to a cello neck Raymond Schryer
- 31 Decorating a viol soundhole Shem Mackey
- 34 Laying out f-holes Torbjörn Zethelius

## 2

### VARNISH

- 38 Adapting a workspace for varnishing Joseph Curtin
- 41 Making lake pigments for varnish Paul Belin
- 44 Harvesting pine resin for varnish Nicolas Gilles
- 47 A personal approach to varnishing Hans Jóhannsson
- 50 Blackening the chamfers Davide Sora

## 3

### RESTORATION AND REPAIR

- 54 Gluing cracks Christian Schabbon
- 57 Maintaining a good gluing surface Sharon Que
- 60 Repairing divots in bass and cello plate edges Arnold Schnitzer and Keiran O'Hara
- 63 Peg restoration Jenelle Steele
- 66 Cello rib doubling Andrew Carruthers
- 69 The 'pastry bag' approach to making plaster casts Francesco Piasentini
- 72 Making plaster casts for restorations Jan Špidlen and Václav Píkr

## 4

### SET-UP

- 76 A different approach to the bass-bar Christian Bayon
- 79 Colouring boxwood pegs Collin Gallahue
- 82 Making and fitting Baroque bridges and tailpieces Mathijs A. Heyligers

## 5

### TOOLS

- 86 Making a bridge knife Guy Cole
- 89 Clamping a fingerboard securely Guy Rabut
- 93 Tools for perfectly squared edges Davide Sora
- 96 A shop-made hand plane for fingerboards David Finck

## 6

### BOWS

- 100 Making a drill bit for a Parisian eye Matt Wehling
- 103 Making a bow button Bernd Etzler
- 107 Repairing a bow head Steve Beckley
- 110 Removing a broken screw embedded in a bow stick Eric Lane
- 113 Thumb projection crack removal Jenelle Steele
- 116 Building an ebony stop into a bow frog Matt Wehling